Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037583.D
Acq On : 12 Aug 2025 19:29
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 13 04:49:35 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 04:46:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2075	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	5019	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	2699	0.400	ng		0.00
19) Phenanthrene-d10	17.087	188	5200	0.400	ng		0.00
29) Chrysene-d12	21.268	240	5116	0.400	ng	#	0.00
35) Perylene-d12	23.508	264	4411	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	15044	3.198	ng		0.00
5) Phenol-d6	6.879	99	18546	3.276	ng		0.00
8) Nitrobenzene-d5	8.854	82	12097	3.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	23211	3.402	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	4382	3.710	ng		0.00
15) 2-Fluorobiphenyl	12.973	172	51634	3.308	ng		0.00
27) Fluoranthene-d10	19.118	212	46178	3.376	ng		0.00
31) Terphenyl-d14	19.722	244	34892	3.315	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	6233	3.140	ng		98
3) n-Nitrosodimethylamine	3.536	42	8352	3.292	ng		97
6) bis(2-Chloroethyl)ether	7.139	93	16734	3.280	ng		98
9) Naphthalene	10.552	128	43991	3.292	ng		97
10) Hexachlorobutadiene	10.851	225	10602	3.248	ng	#	99
12) 2-Methylnaphthalene	12.167	142	29337	3.501	ng		98
16) Acenaphthylene	14.067	152	40122	3.316	ng		99
17) Acenaphthene	14.409	154	27774	3.375	ng		94
18) Fluorene	15.393	166	36565	3.396	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	2906	3.257	ng	#	49
21) 4-Bromophenyl-phenylether	16.292	248	11254	3.444	ng	#	92
22) Hexachlorobenzene	16.404	284	14747	3.183	ng		100
23) Atrazine	16.553	200	7330	3.967	ng		94
24) Pentachlorophenol	16.739	266	6325	3.887	ng		97
25) Phenanthrene	17.124	178	52784	3.339	ng		100
26) Anthracene	17.223	178	49333	3.525	ng		100
28) Fluoranthene	19.150	202	63765	3.511	ng		100
30) Pyrene	19.513	202	62227	3.254	ng		100
32) Benzo(a)anthracene	21.259	228	59663	3.491	ng		98
33) Chrysene	21.304	228	60925	3.199	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	24265	3.440	ng		99
36) Indeno(1,2,3-cd)pyrene	25.768	276	66459	3.576	ng		99
37) Benzo(b)fluoranthene	22.835	252	59086	3.535	ng	#	92
38) Benzo(k)fluoranthene	22.879	252	63422	3.363	ng	#	90
39) Benzo(a)pyrene	23.411	252	48767	3.518	ng	#	87
40) Dibenzo(a,h)anthracene	25.782	278	53486	3.709	ng		92
41) Benzo(g,h,i)perylene	26.455	276	54068	3.558	ng		95

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

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Instrument :
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Quant Time: Aug 13 04:49:35 2025
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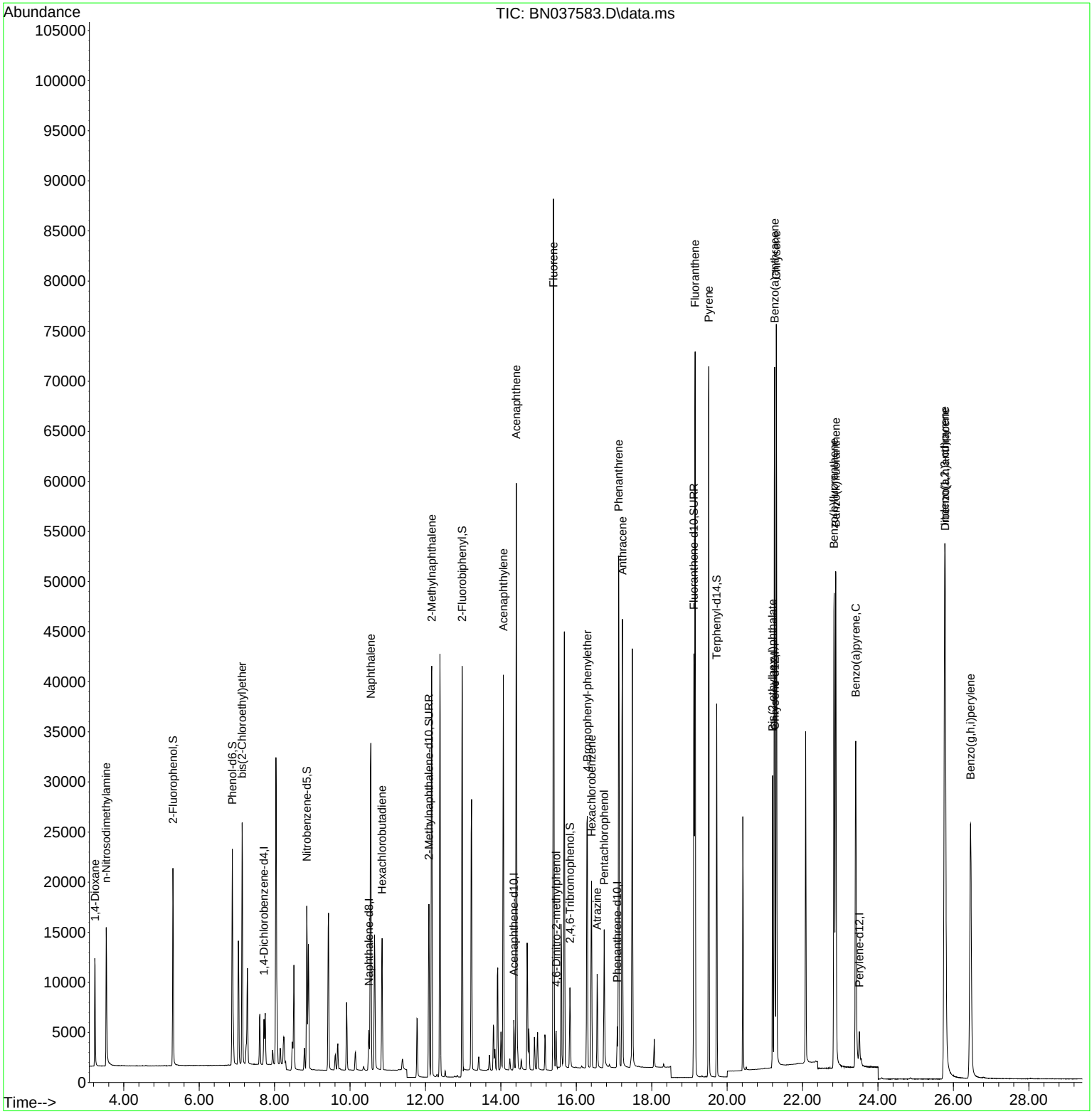
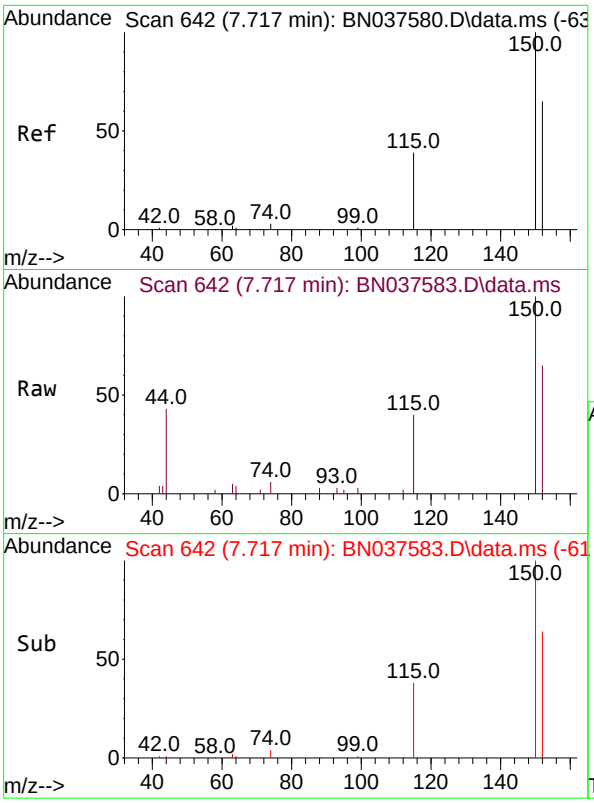
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 04:46:02 2025
Response via : Initial Calibration



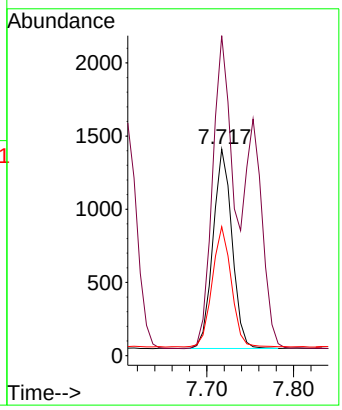


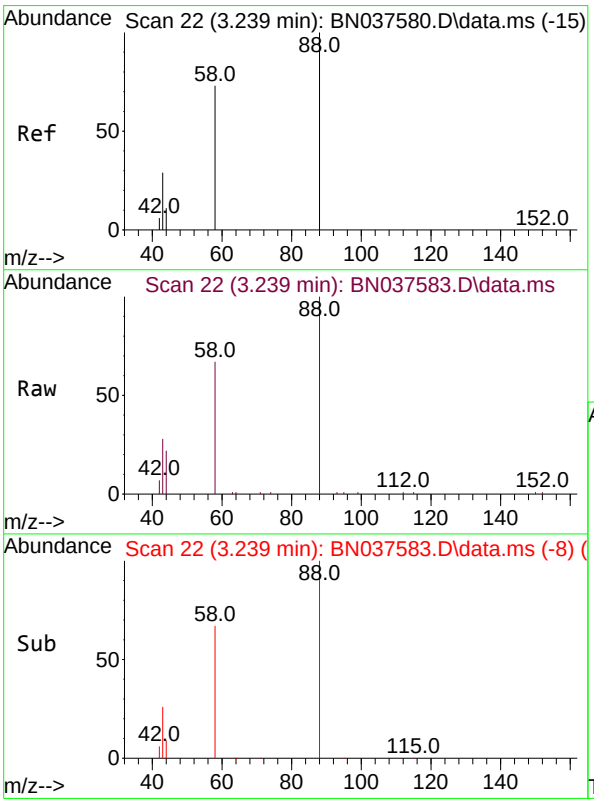
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2075

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.2	183.4
115	62.4	49.8	74.6

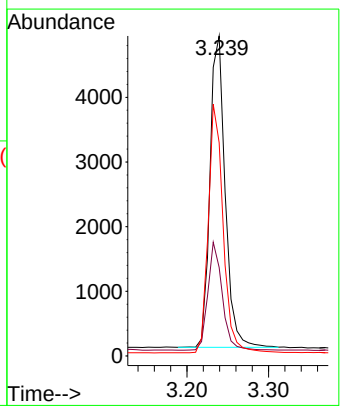


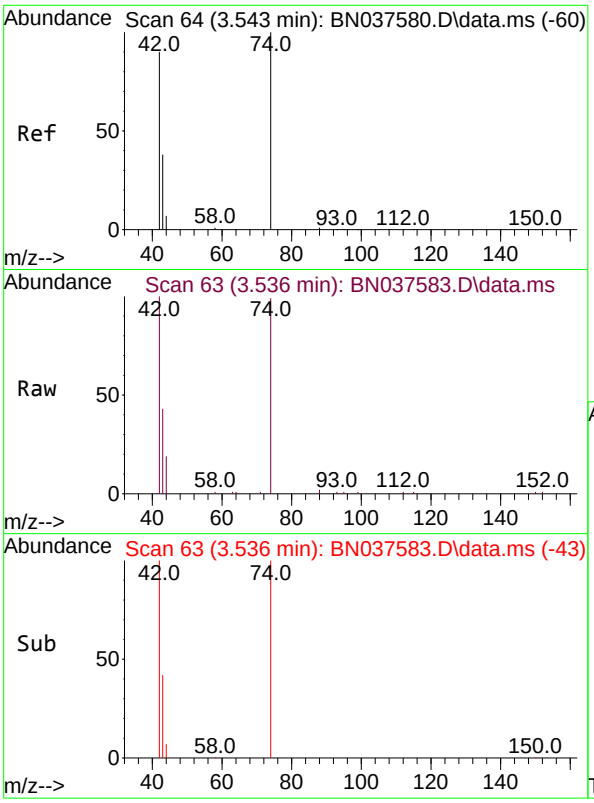


#2
1,4-Dioxane
Concen: 3.140 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion: 88 Resp: 6233

Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.8	38.6
58	78.1	61.2	91.8



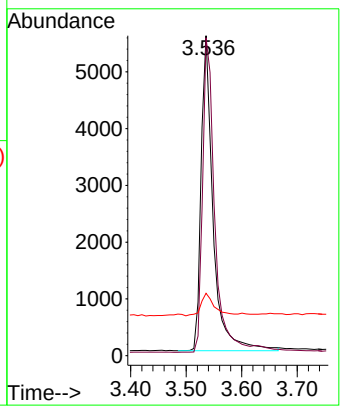


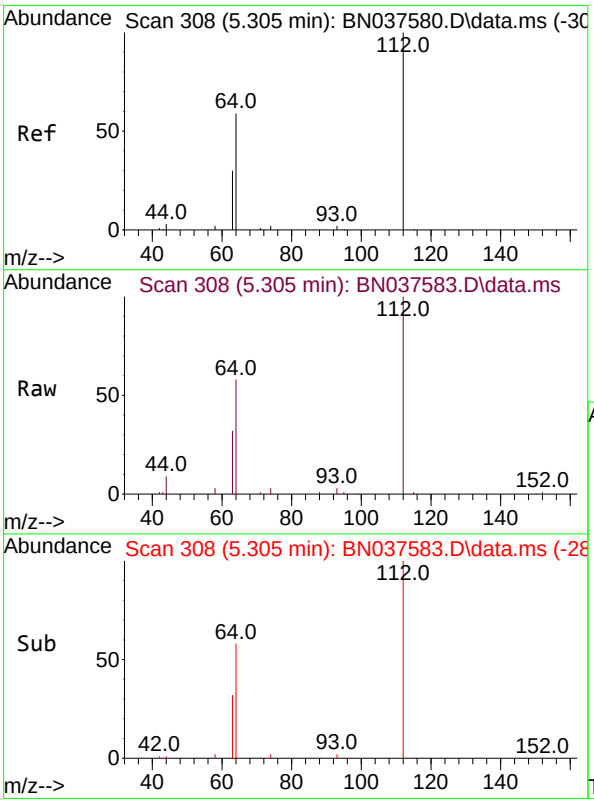
#3
n-Nitrosodimethylamine
Concen: 3.292 ng
RT: 3.536 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 8352

Ion	Ratio	Lower	Upper
42	100		
74	99.7	82.0	123.0
44	8.0	7.9	11.9

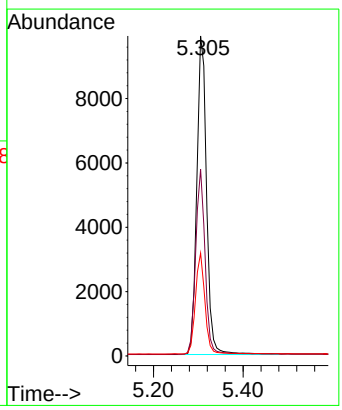


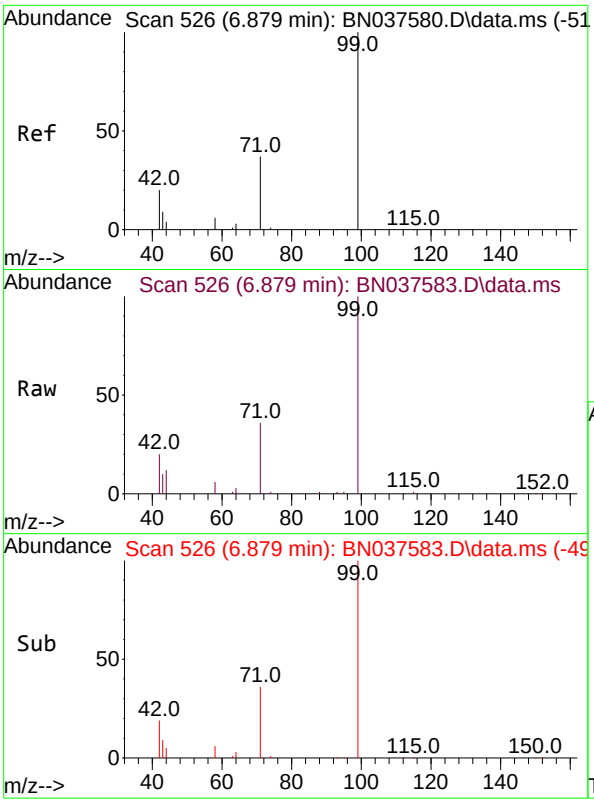


#4
2-Fluorophenol
Concen: 3.198 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:112 Resp: 15044

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.9	67.3
63	30.7	23.4	35.2



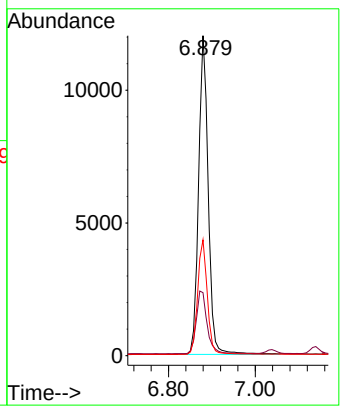


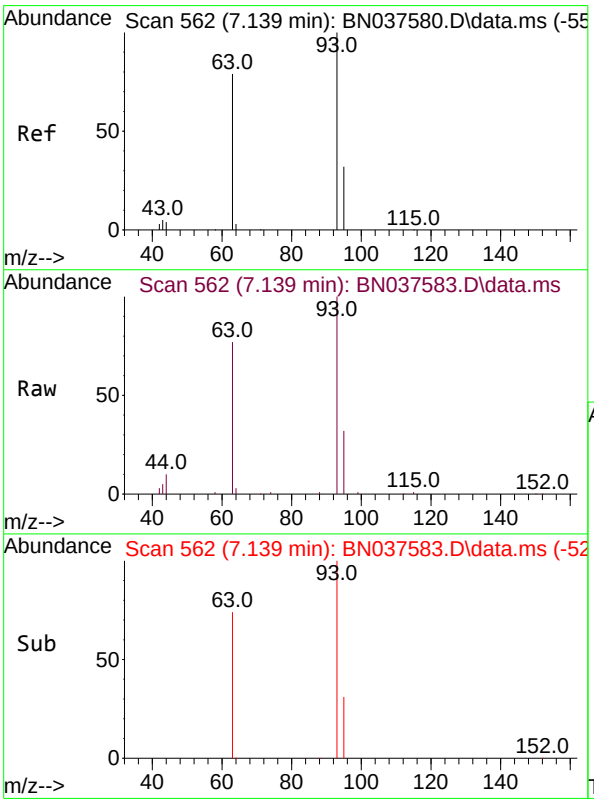
#5
Phenol-d6
Concen: 3.276 ng
RT: 6.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 18546

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.5	27.7
71	36.1	28.6	42.8

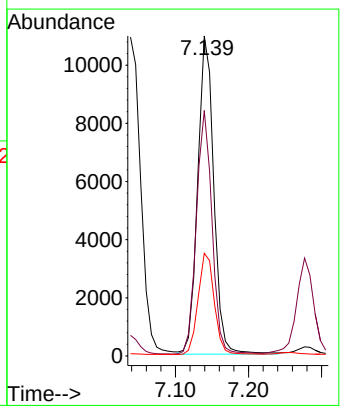


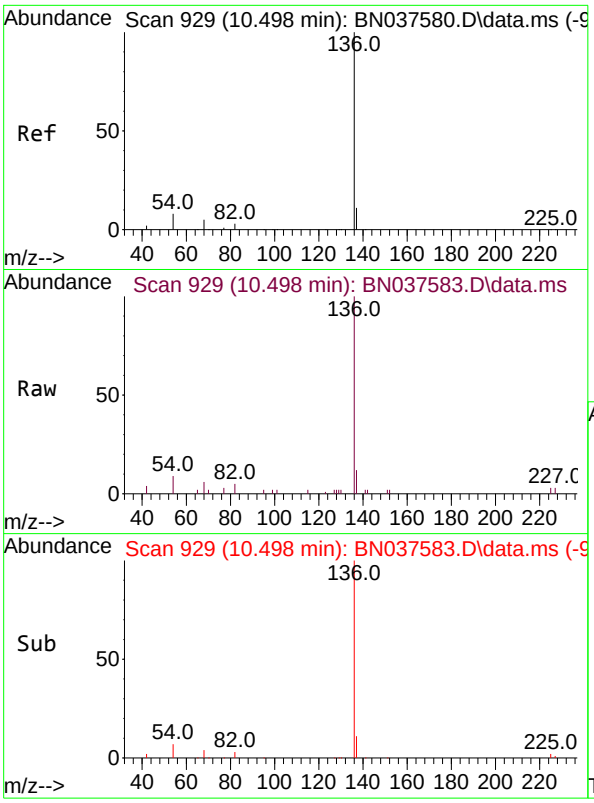


#6
bis(2-Chloroethyl)ether
Concen: 3.280 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion: 93 Resp: 16734

Ion	Ratio	Lower	Upper
93	100		
63	74.4	58.0	87.0
95	32.0	24.9	37.3



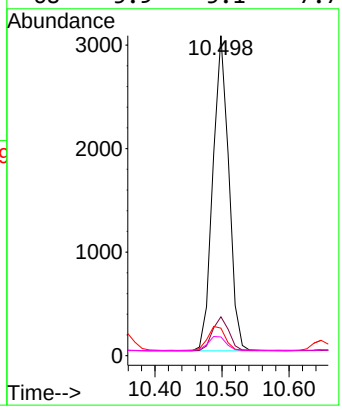


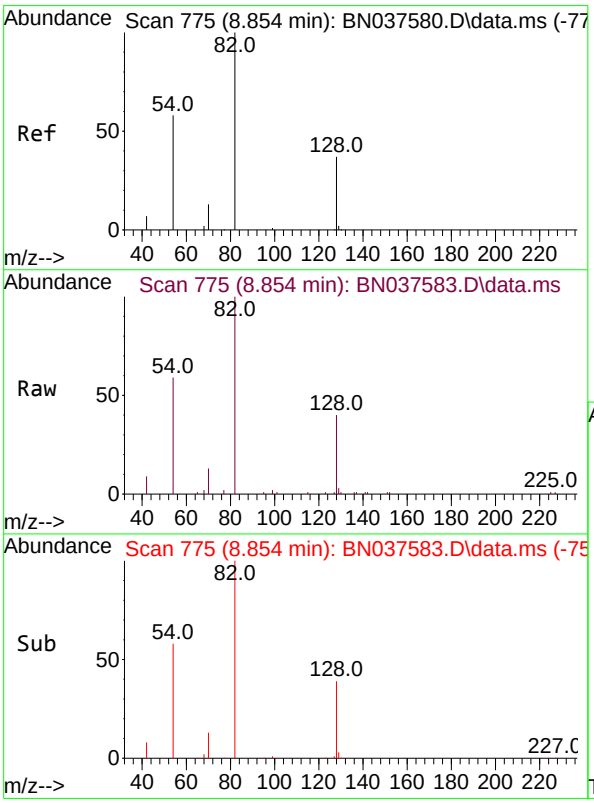
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 5019

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	8.6	7.3	10.9
68	5.9	5.1	7.7

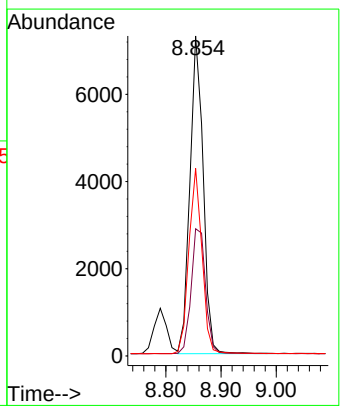


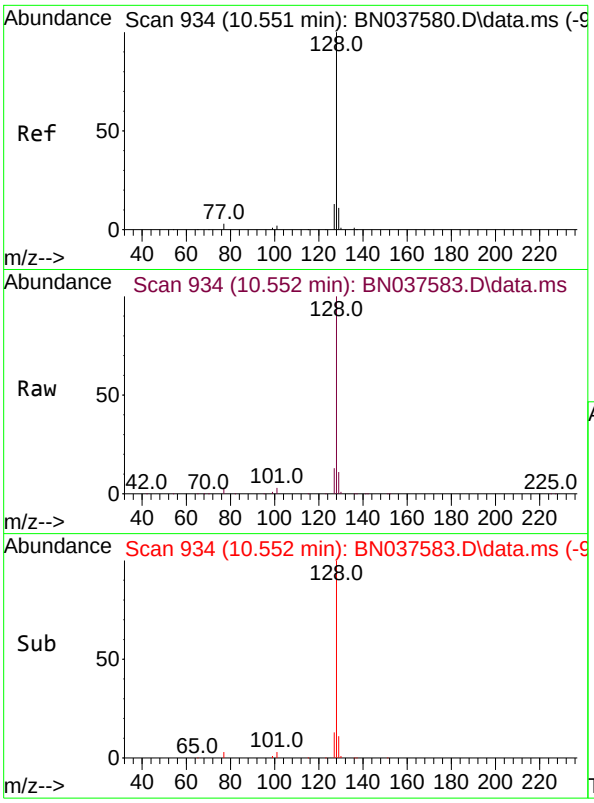


#8
Nitrobenzene-d5
Concen: 3.422 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion: 82 Resp: 12097

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	48.8
54	58.6	48.9	73.3



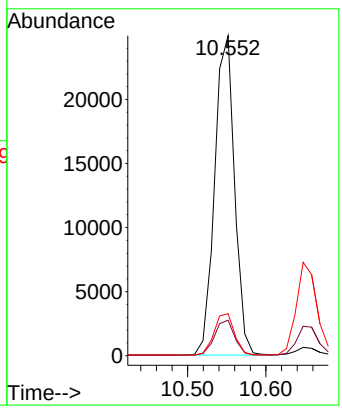


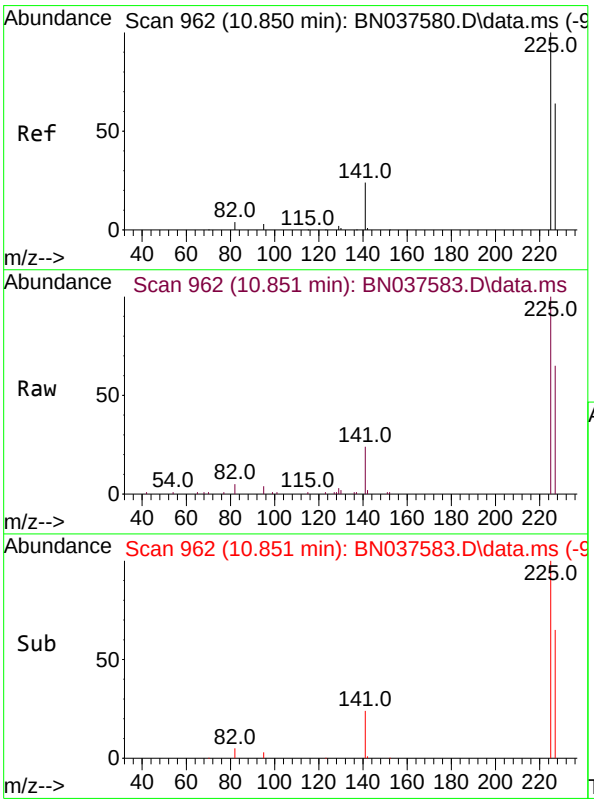
#9
Naphthalene
Concen: 3.292 ng
RT: 10.552 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 43991

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	13.2	11.5	17.3

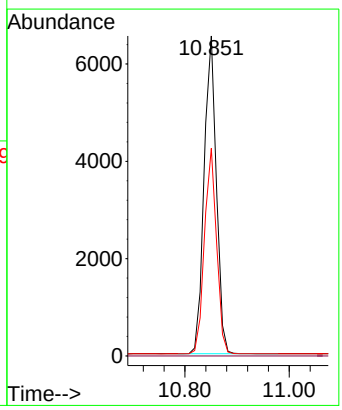


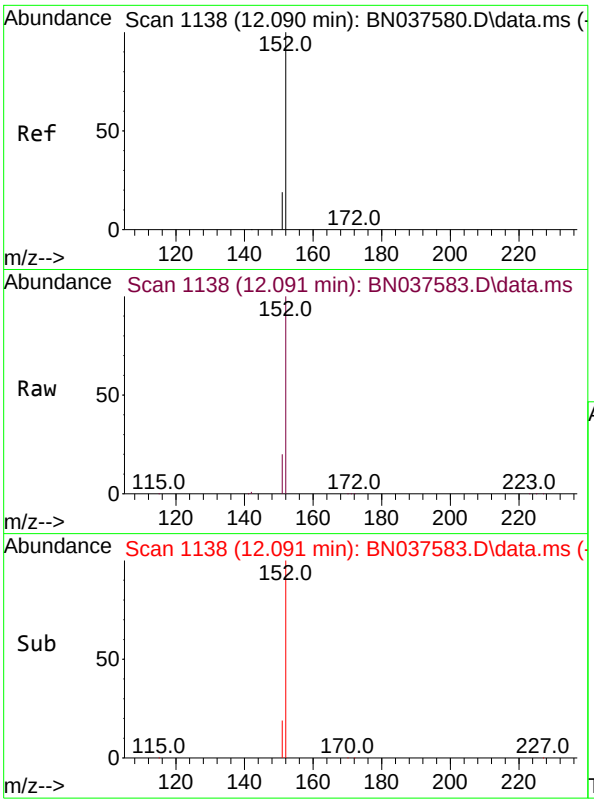


#10
Hexachlorobutadiene
Concen: 3.248 ng
RT: 10.851 min Scan# 962
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:225 Resp: 10602

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.8	76.2



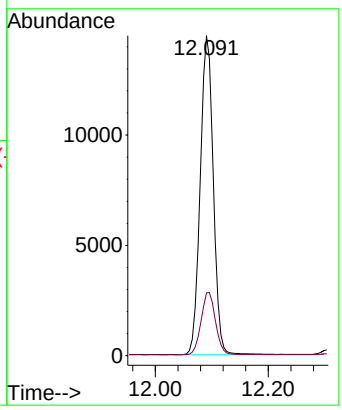


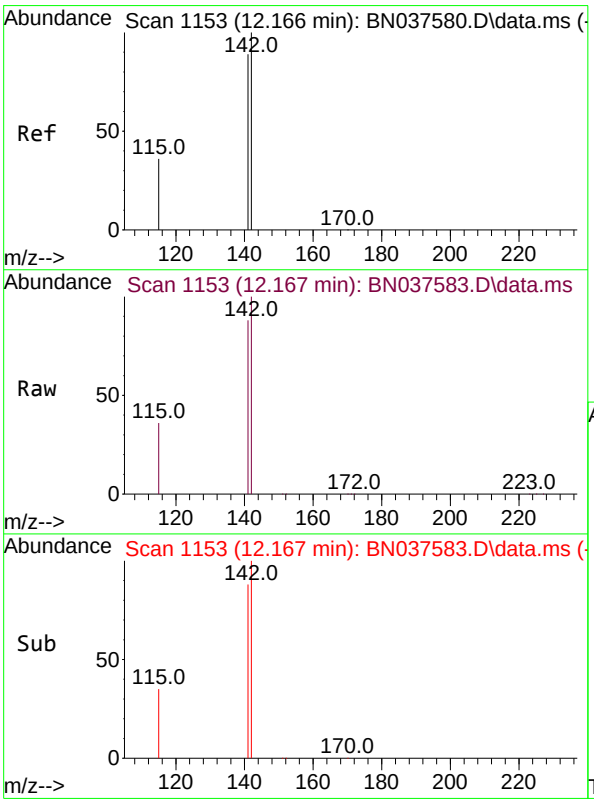
#11
2-Methylnaphthalene-d10
Concen: 3.402 ng
RT: 12.091 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 23211

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9

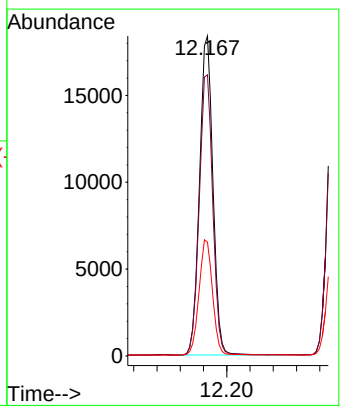


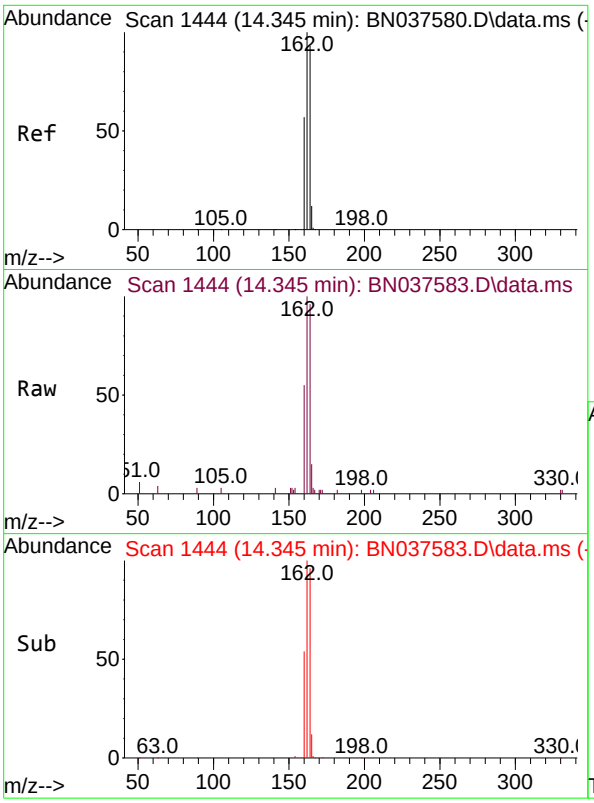


#12
2-Methylnaphthalene
Concen: 3.501 ng
RT: 12.167 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:142 Resp: 29337

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.0
115	35.5	30.2	45.4



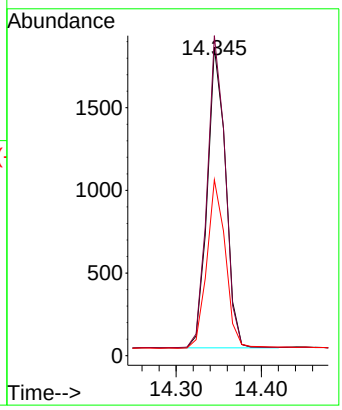


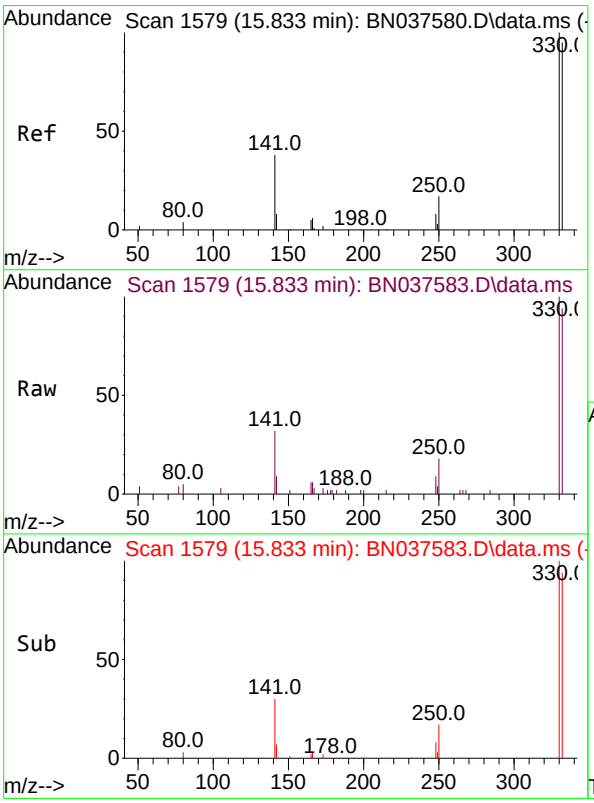
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 2699

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.5	128.3
160	57.0	49.5	74.3

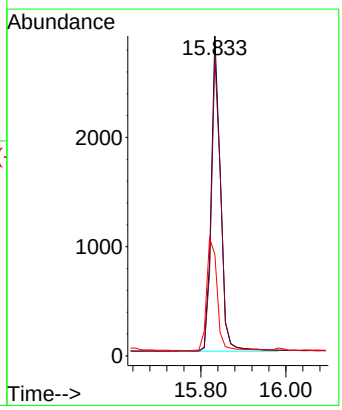


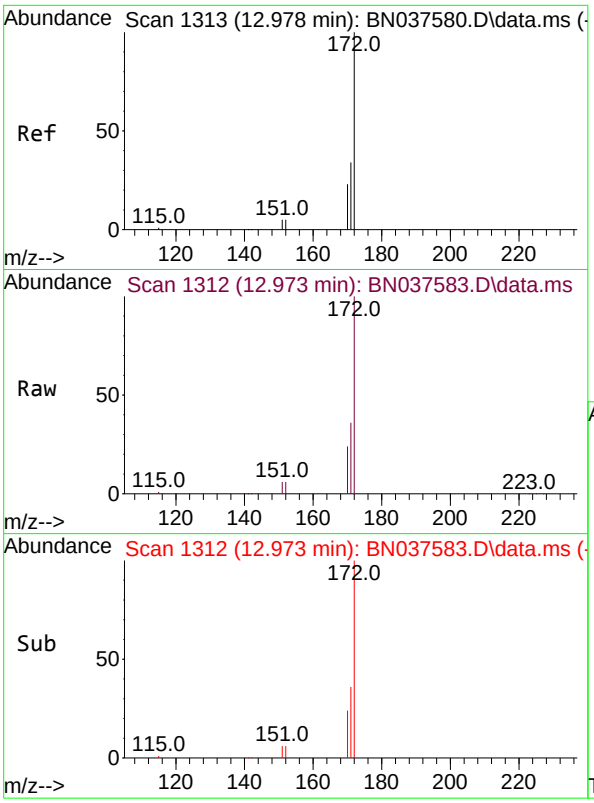


#14
2,4,6-Tribromophenol
Concen: 3.710 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:330 Resp: 4382

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.0
141	40.3	30.9	46.3



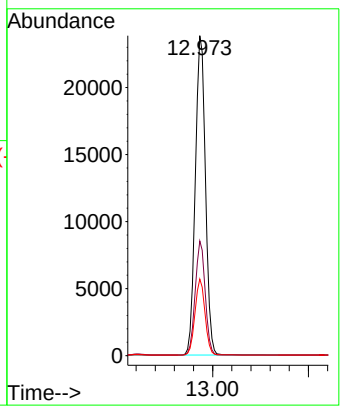


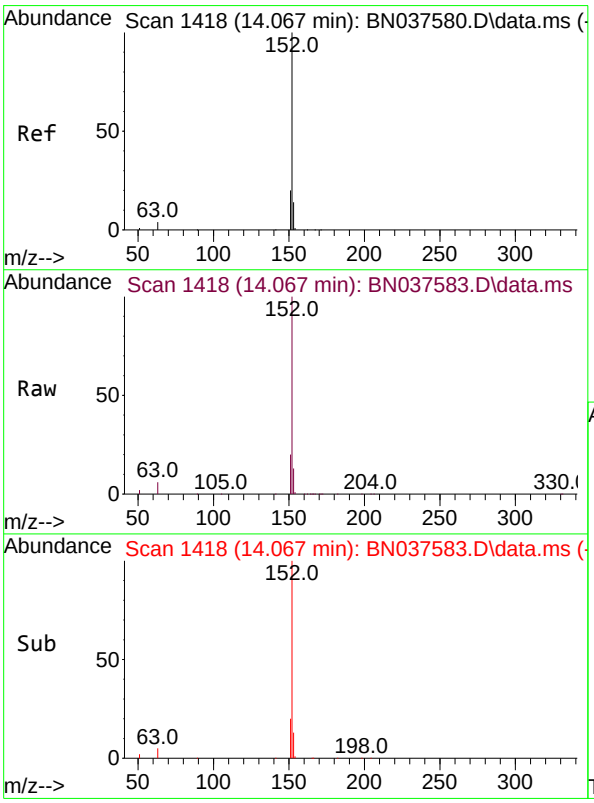
#15
2-Fluorobiphenyl
Concen: 3.308 ng
RT: 12.973 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 51634

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	24.0	19.2	28.8

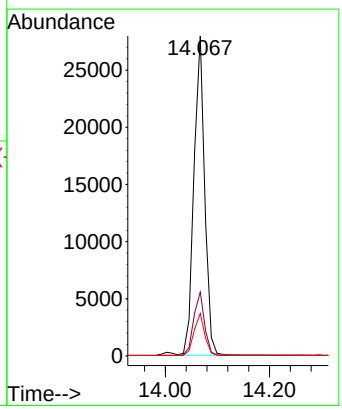


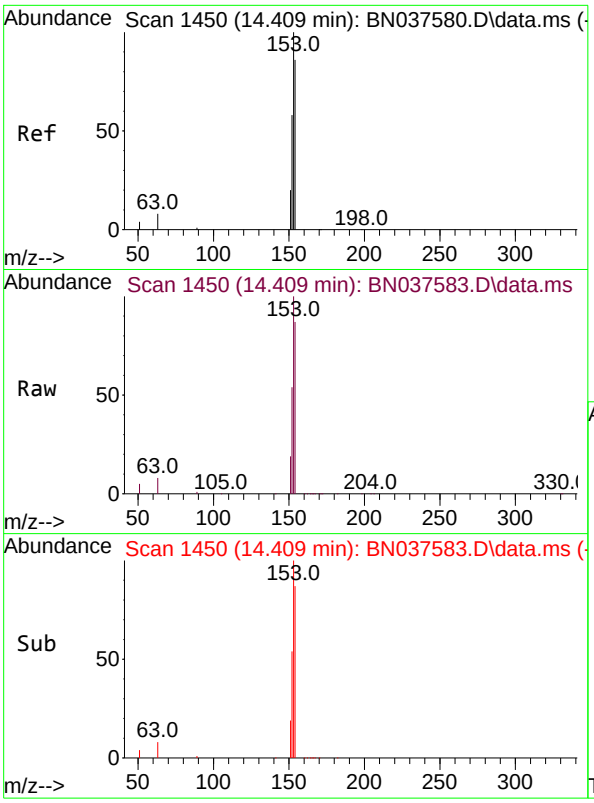


#16
Acenaphthylene
Concen: 3.316 ng
RT: 14.067 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:152 Resp: 40122

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.0	10.7	16.1



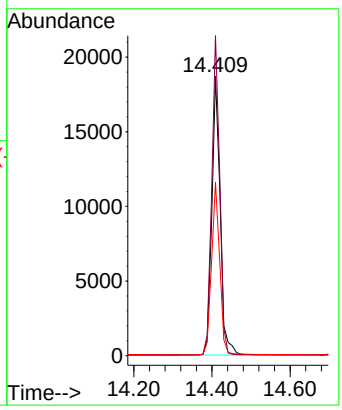


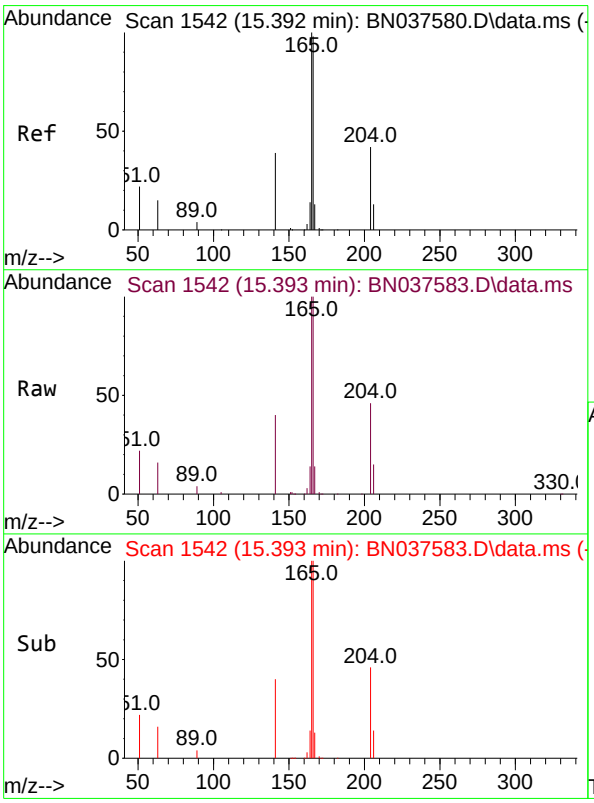
#17
Acenaphthene
Concen: 3.375 ng
RT: 14.409 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 27774

Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.6	135.8
152	60.7	54.9	82.3

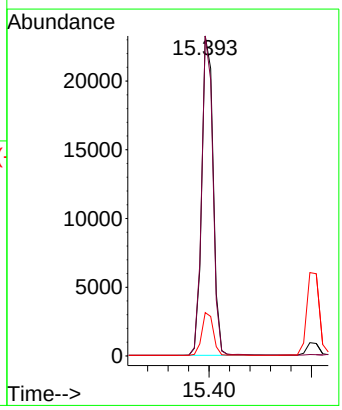


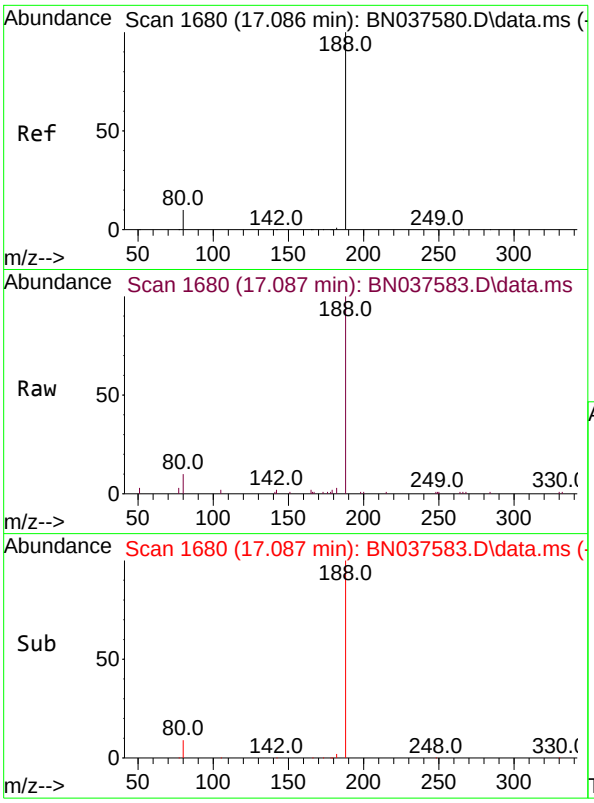


#18
Fluorene
Concen: 3.396 ng
RT: 15.393 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:166 Resp: 36565

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.9	118.3
167	13.4	10.7	16.1



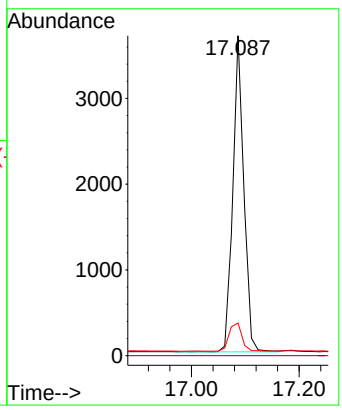


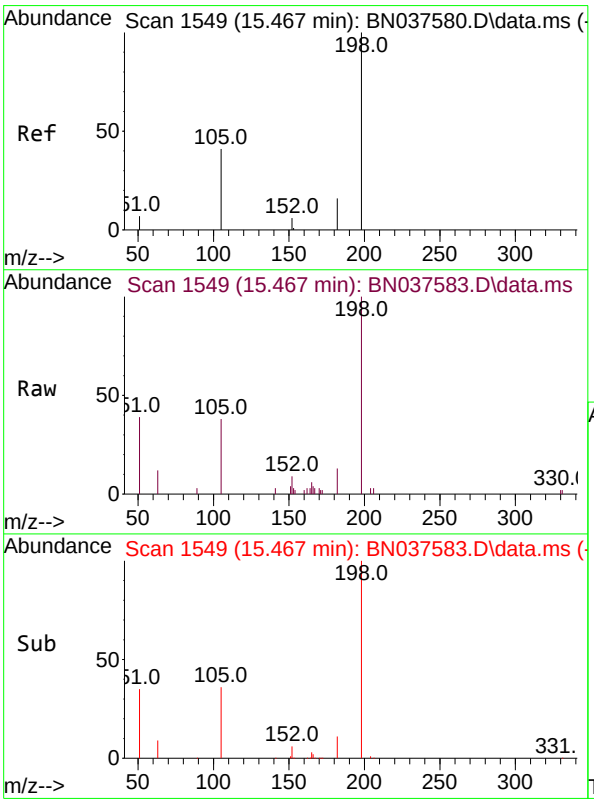
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 5200

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	9.1	13.7

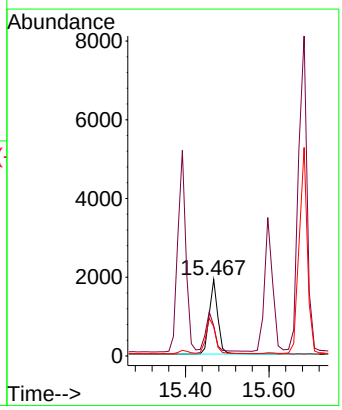


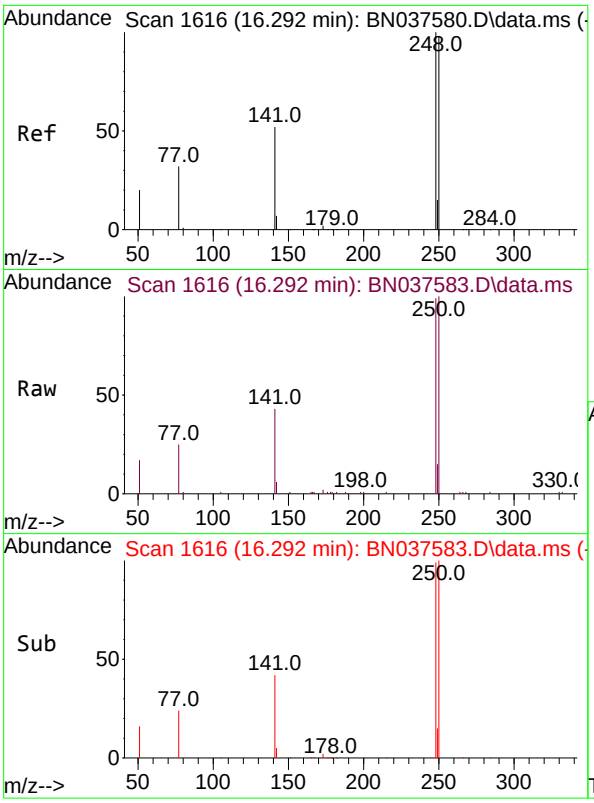


#20
4,6-Dinitro-2-methylphenol
Concen: 3.257 ng
RT: 15.467 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:198 Resp: 2906

Ion	Ratio	Lower	Upper
198	100		
51	39.4	81.0	121.6#
105	38.3	52.5	78.7#



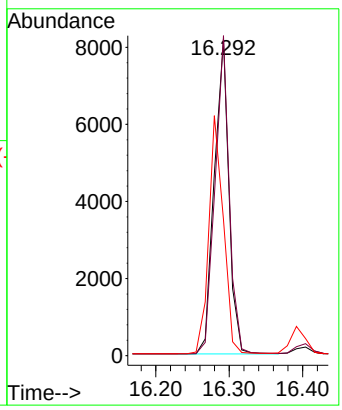


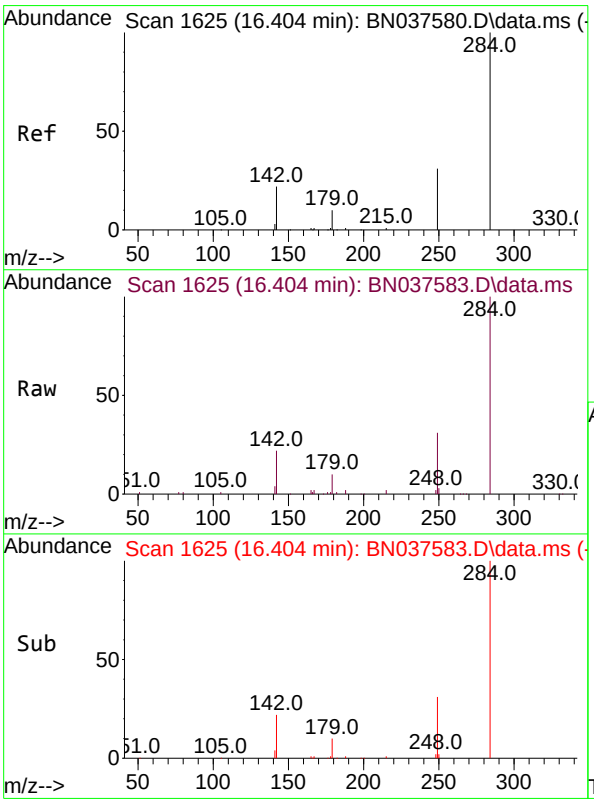
#21
4-Bromophenyl-phenylether
Concen: 3.444 ng
RT: 16.292 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 11254

Ion	Ratio	Lower	Upper
248	100		
250	101.0	78.6	118.0
141	42.9	43.7	65.5#

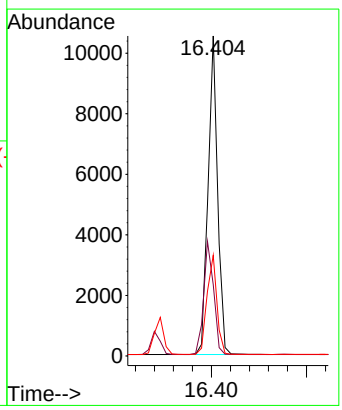


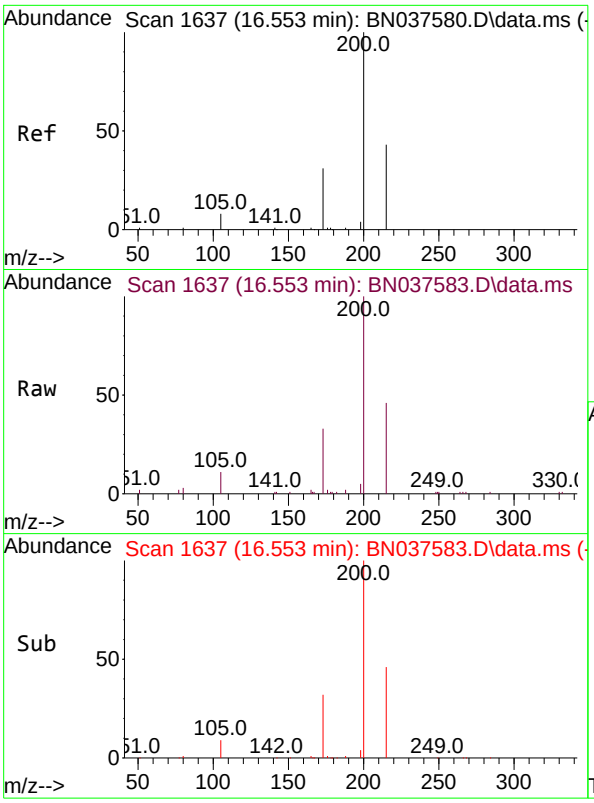


#22
Hexachlorobenzene
Concen: 3.183 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:284 Resp: 14747

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.8	44.6
249	32.6	26.0	39.0



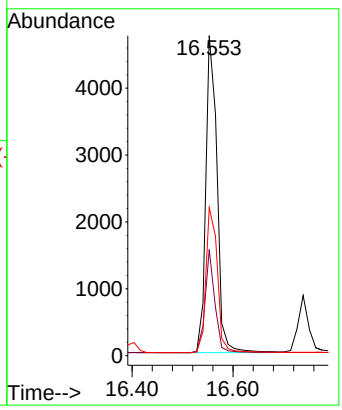


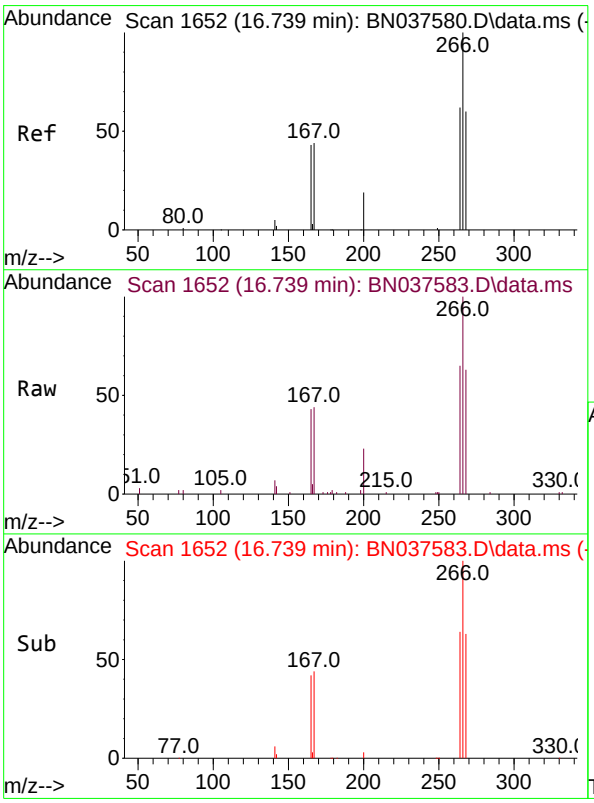
#23
Atrazine
Concen: 3.967 ng
RT: 16.553 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 7330

Ion	Ratio	Lower	Upper
200	100		
173	33.1	31.0	46.4
215	46.2	39.4	59.0

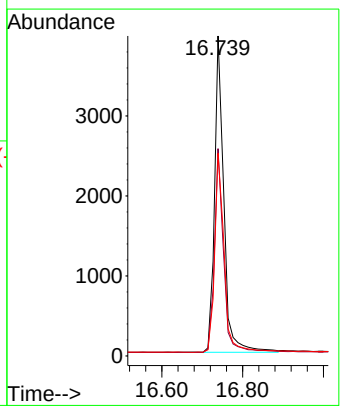


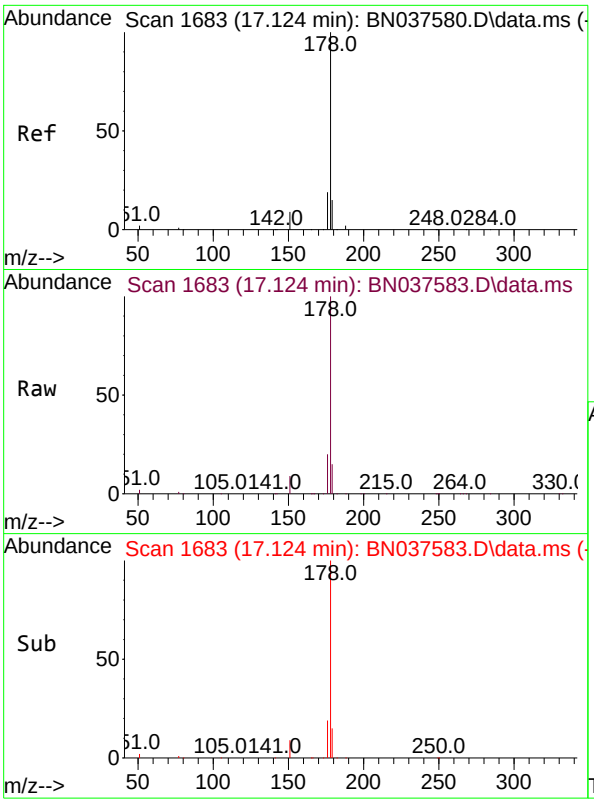


#24
Pentachlorophenol
Concen: 3.887 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:266 Resp: 6325

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.6	74.4
268	64.3	49.2	73.8



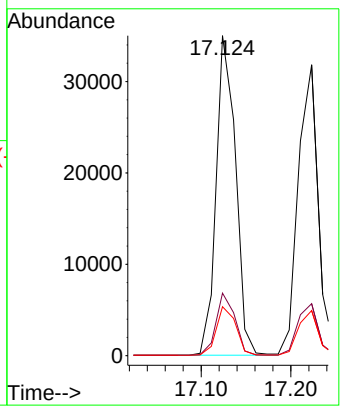


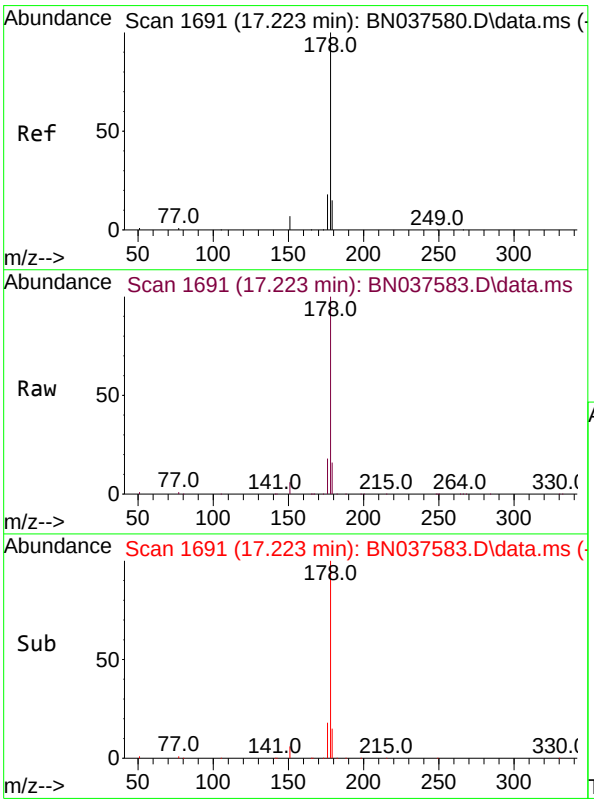
#25
Phenanthrene
Concen: 3.339 ng
RT: 17.124 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 52784

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.3	12.3	18.5

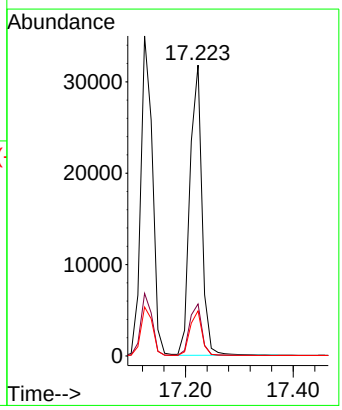


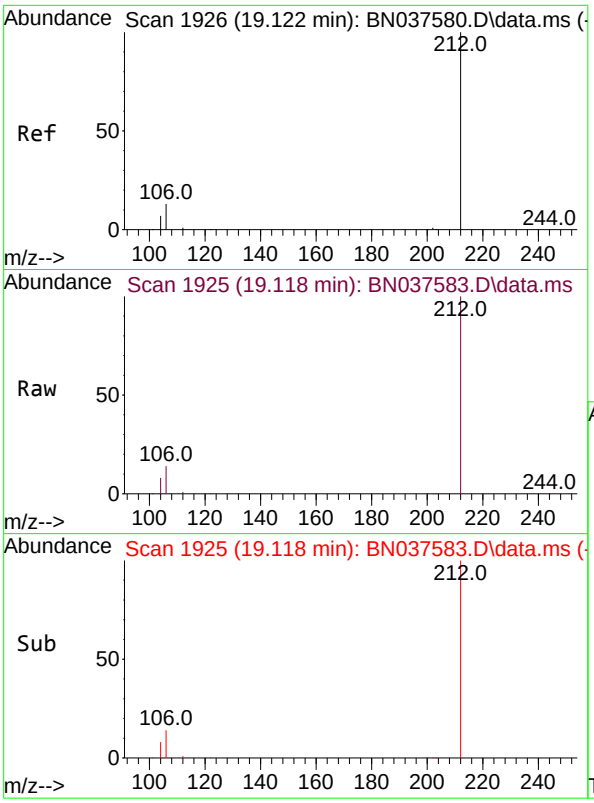


#26
Anthracene
Concen: 3.525 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:178 Resp: 49333

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.3	12.3	18.5



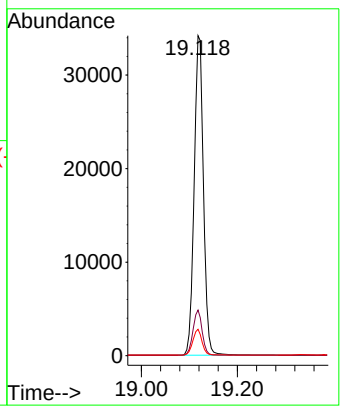


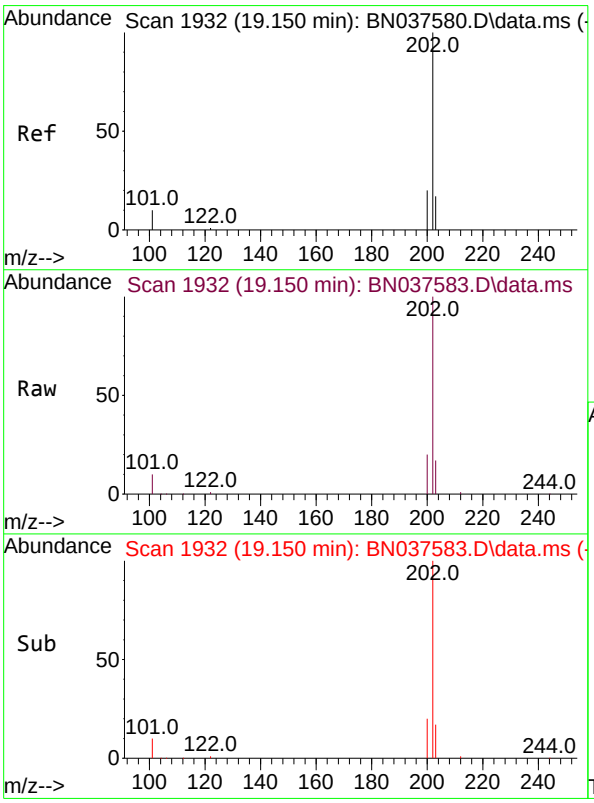
#27
Fluoranthene-d10
Concen: 3.376 ng
RT: 19.118 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 46178

Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.5	17.3
104	8.0	6.6	9.8

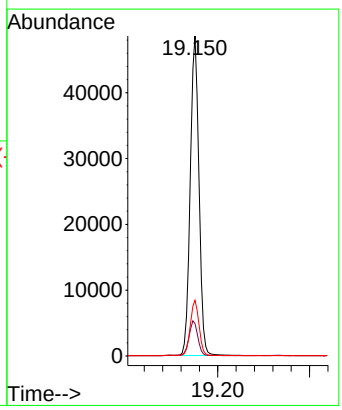


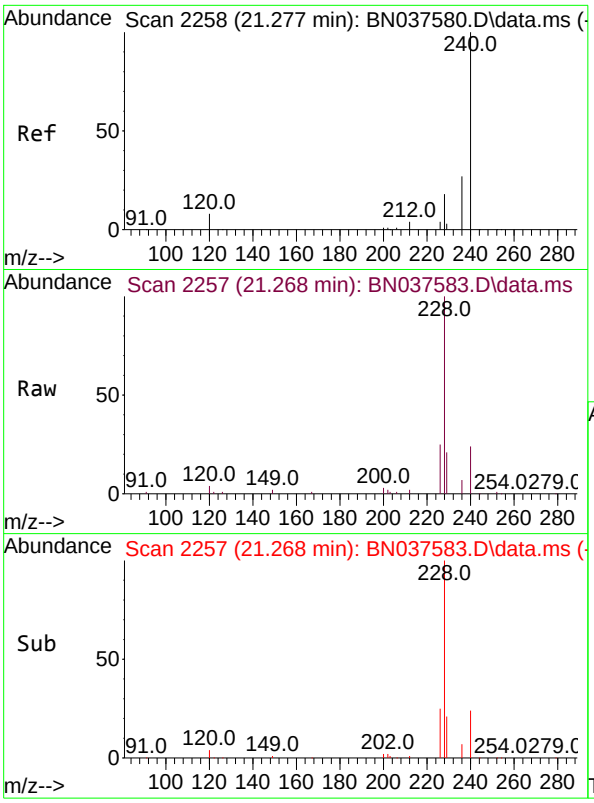


#28
Fluoranthene
Concen: 3.511 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:202 Resp: 63765

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.6
203	17.3	13.8	20.8



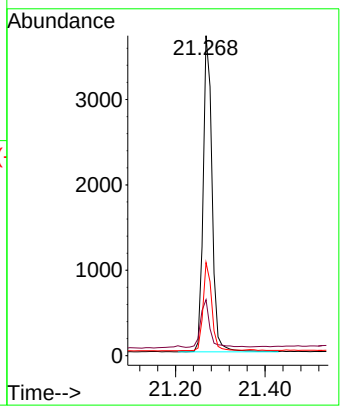


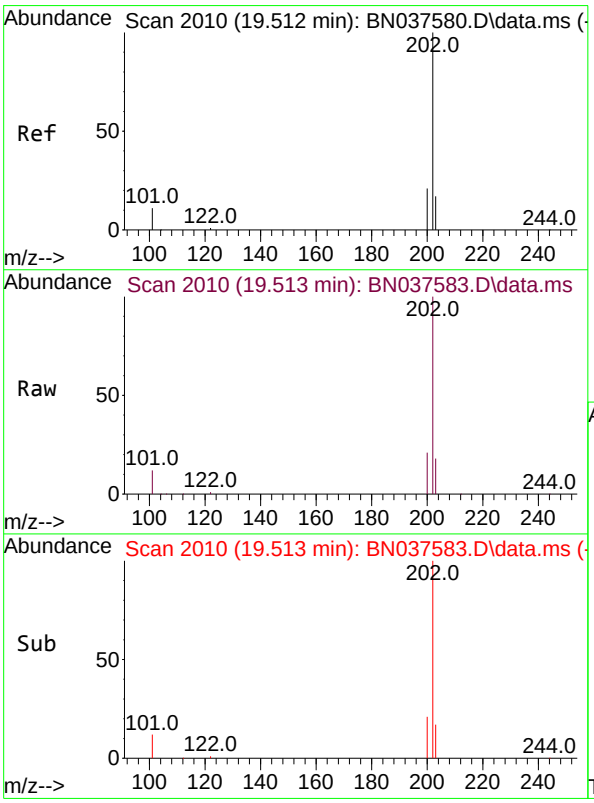
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 5116

Ion	Ratio	Lower	Upper
240	100		
120	17.5	8.9	13.3#
236	29.1	22.6	33.8

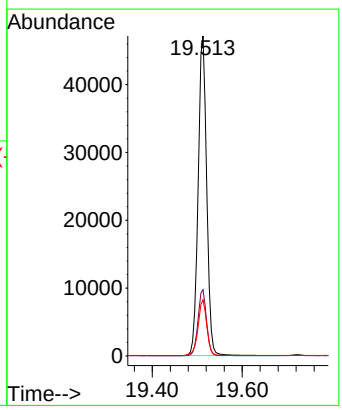


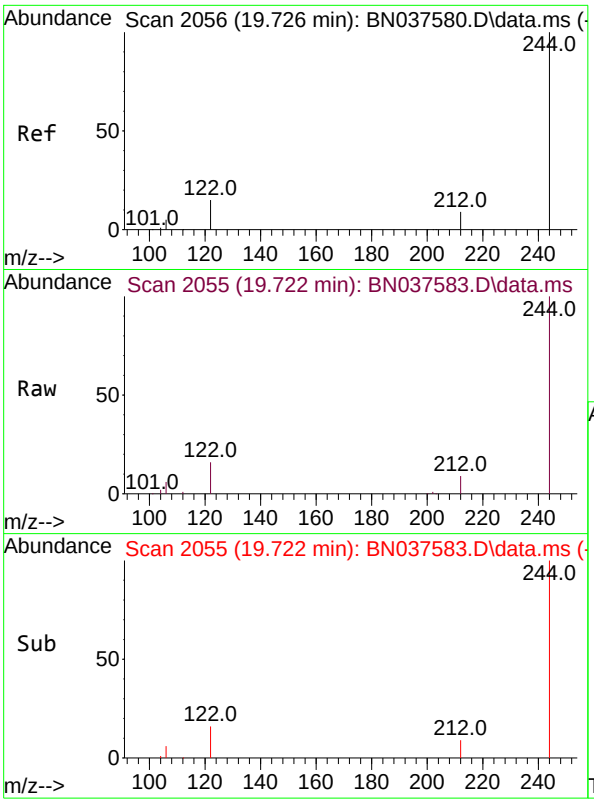


#30
Pyrene
Concen: 3.254 ng
RT: 19.513 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:202 Resp: 62227

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.8	14.3	21.5



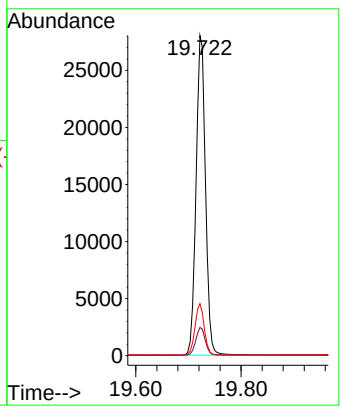


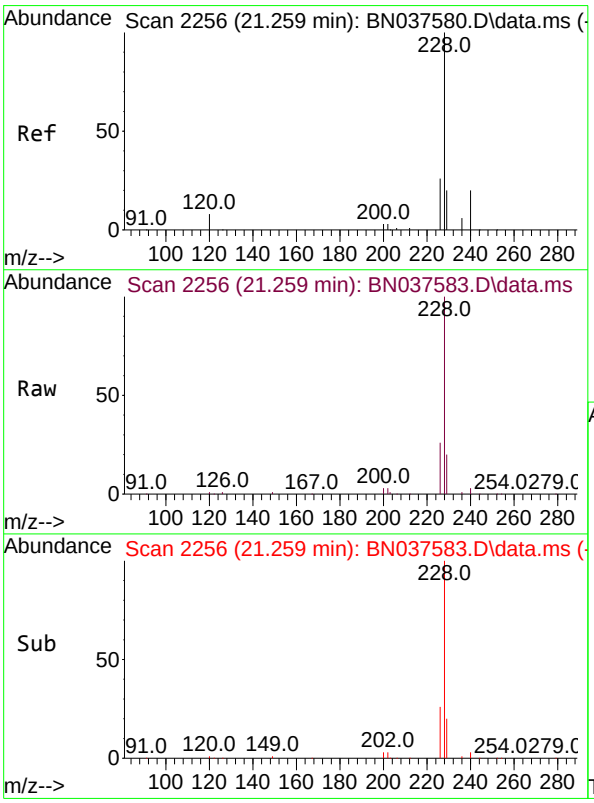
#31
Terphenyl-d14
Concen: 3.315 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 34892

Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.2	12.2
122	16.2	13.2	19.8

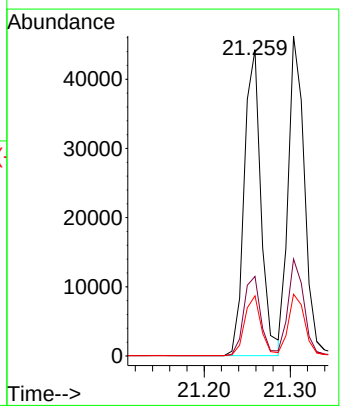


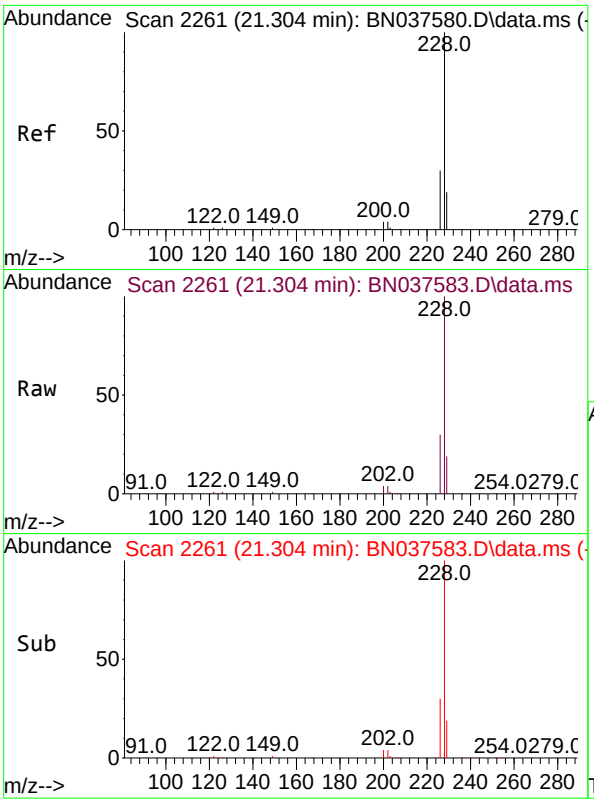


#32
Benzo(a)anthracene
Concen: 3.491 ng
RT: 21.259 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:228 Resp: 59663

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.5	32.3
229	19.6	16.5	24.7



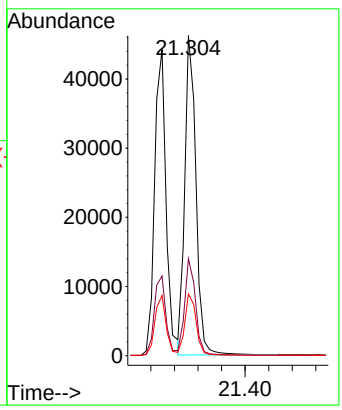


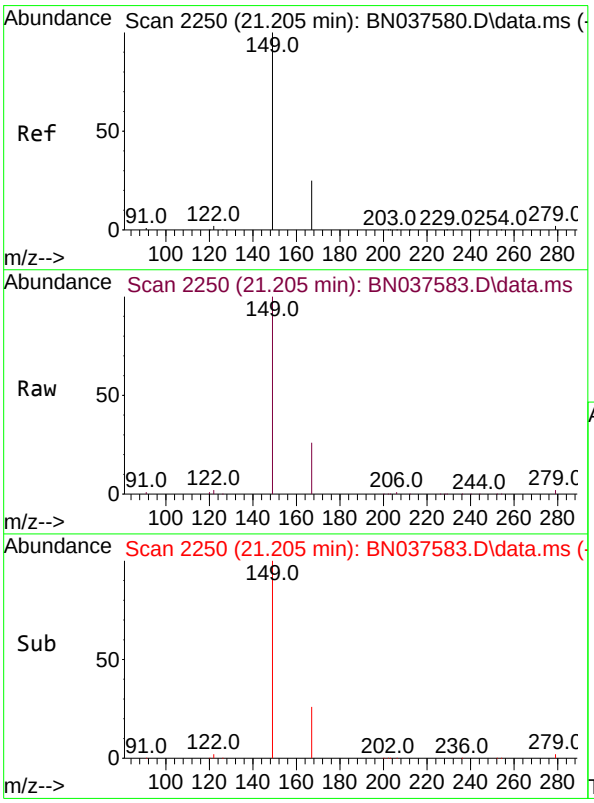
#33
Chrysene
Concen: 3.199 ng
RT: 21.304 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 60925

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.3	15.8	23.8

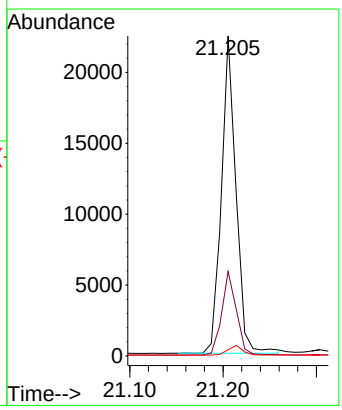


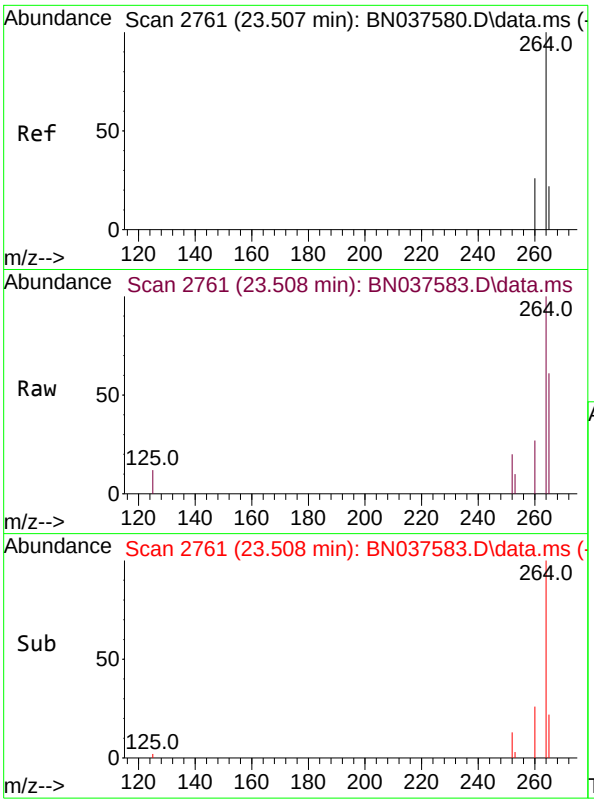


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.440 ng
RT: 21.205 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:149 Resp: 24265

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.5	30.7
279	3.1	2.6	4.0



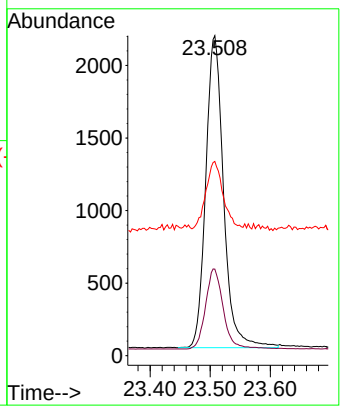


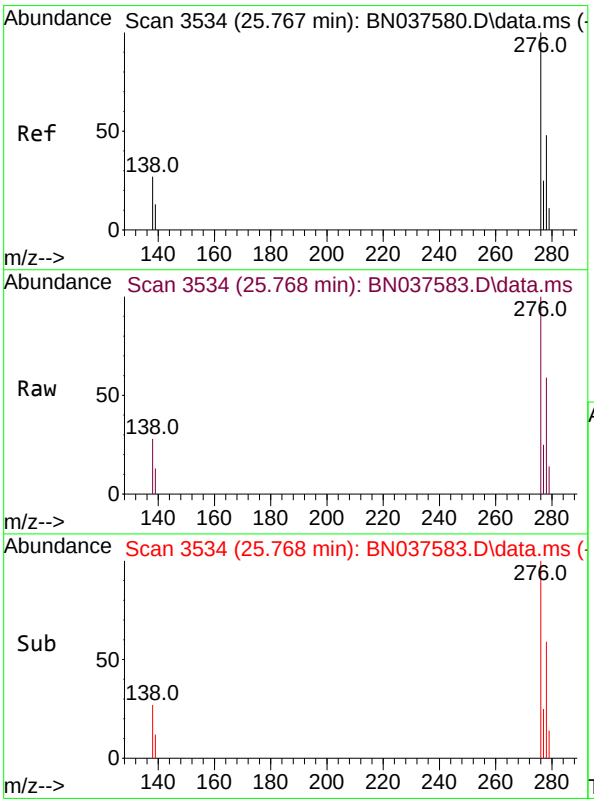
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.508 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 4411

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.6	32.4
265	60.7	48.2	72.4

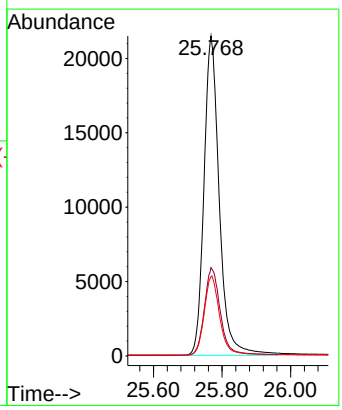


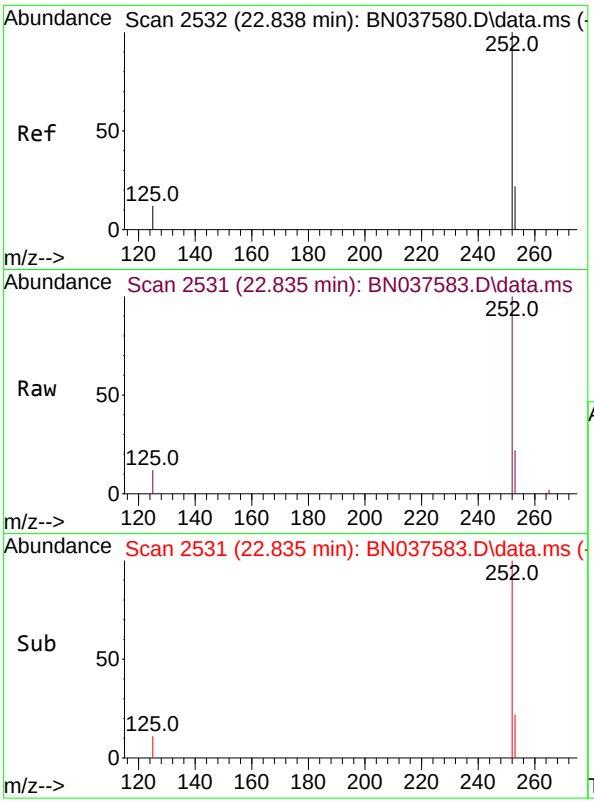


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.576 ng
RT: 25.768 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:276 Resp: 66459

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.3	34.9
277	25.1	19.5	29.3



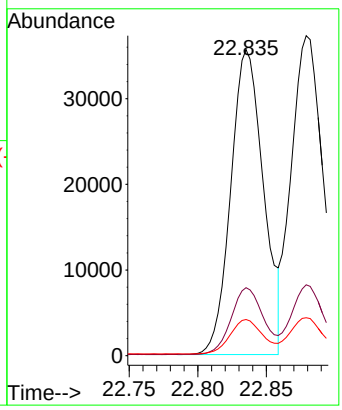


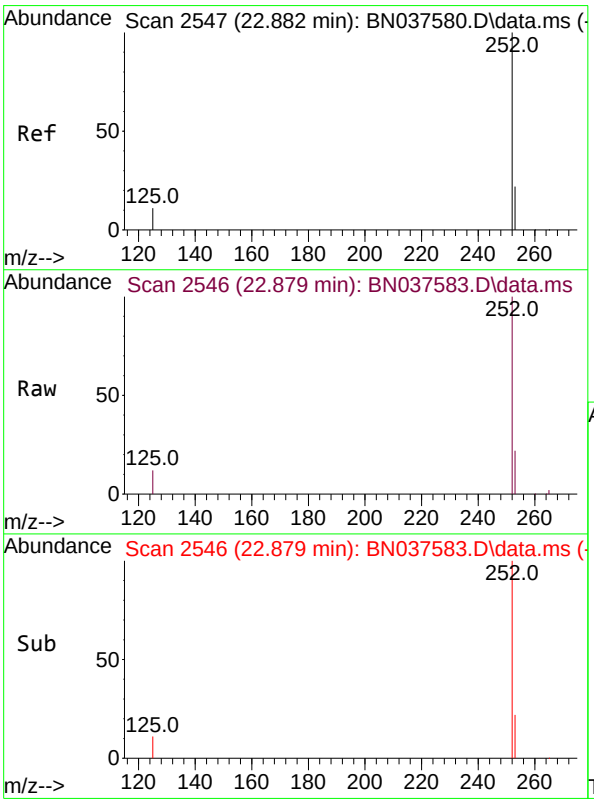
#37
Benzo(b)fluoranthene
Concen: 3.535 ng
RT: 22.835 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 59086

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.0	30.0
125	11.8	13.8	20.6#

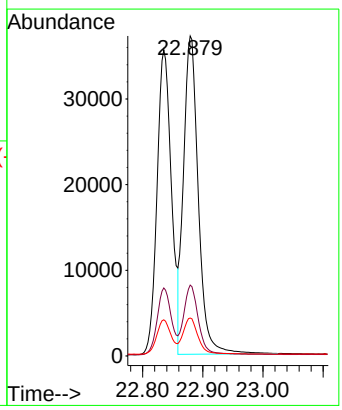


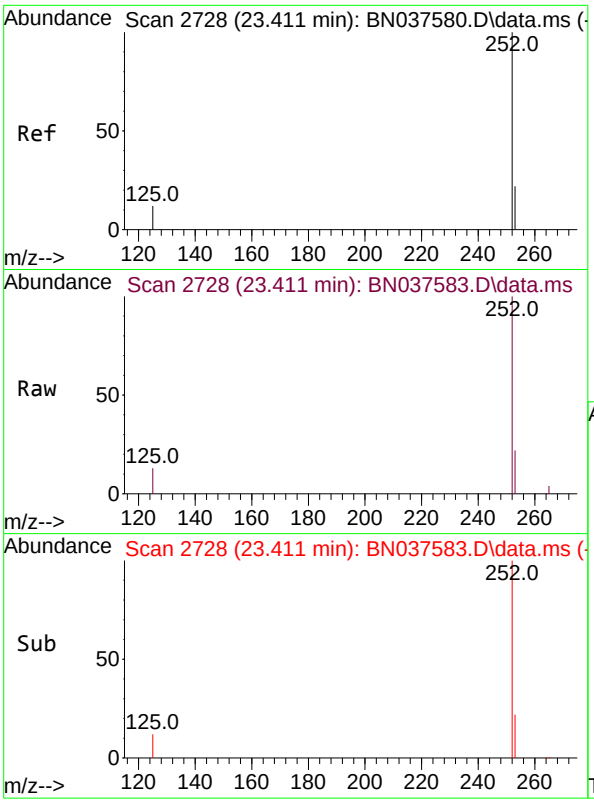


#38
Benzo(k)fluoranthene
Concen: 3.363 ng
RT: 22.879 min Scan# 2546
Delta R.T. -0.003 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:252 Resp: 63422

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.9	29.9
125	11.8	15.0	22.6#



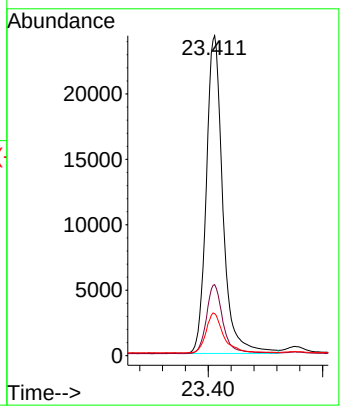


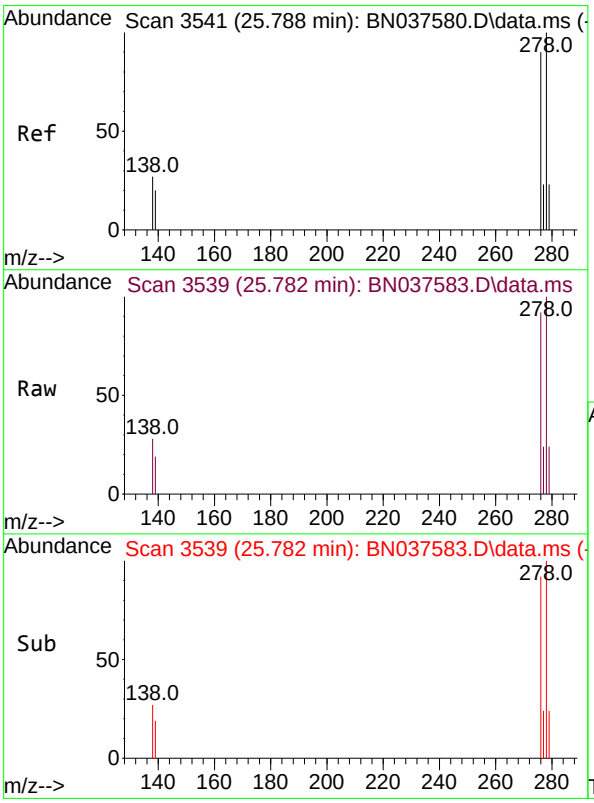
#39
Benzo(a)pyrene
Concen: 3.518 ng
RT: 23.411 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 48767

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.6	32.4
125	13.1	16.8	25.2#

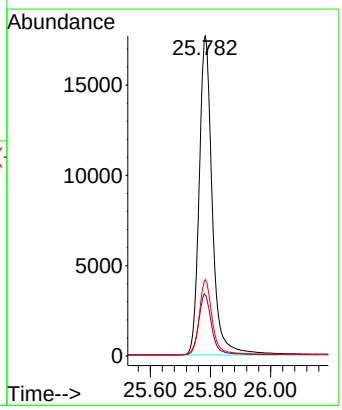


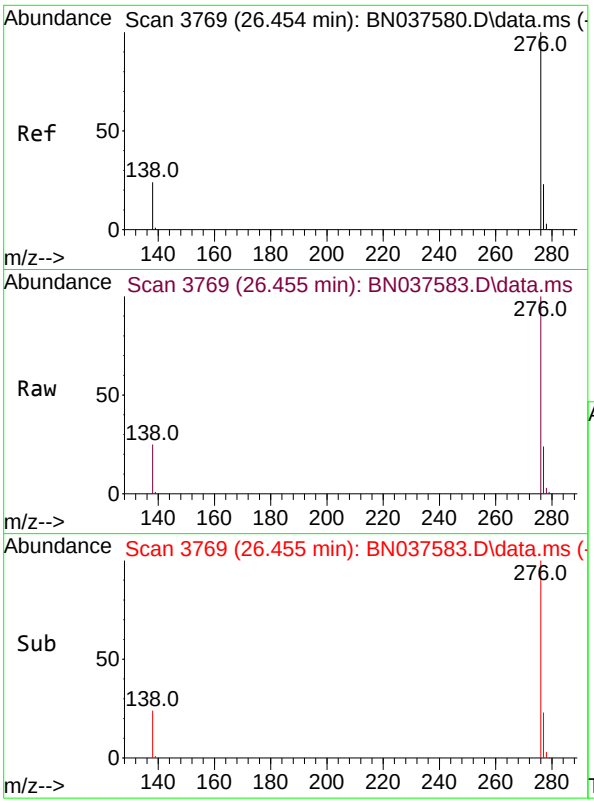


#40
Dibenzo(a,h)anthracene
Concen: 3.709 ng
RT: 25.782 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Tgt Ion:278 Resp: 53486

Ion	Ratio	Lower	Upper
278	100		
139	19.0	18.3	27.5
279	23.9	22.5	33.7





#41
Benzo(g,h,i)perylene
Concen: 3.558 ng
RT: 26.455 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037583.D
Acq: 12 Aug 2025 19:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 54068

Ion	Ratio	Lower	Upper
276	100		
277	23.7	21.0	31.4
138	24.6	21.7	32.5