Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071525\
Data File : BN037499.D
Acq On : 15 Jul 2025 12:36
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 15 17:25:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 16:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2613	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	6917	0.400	ng		#-0.01
13) Acenaphthene-d10	14.355	164	4050	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	8501	0.400	ng		0.00
29) Chrysene-d12	21.286	240	6753	0.400	ng		0.00
35) Perylene-d12	23.522	264	6399	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	678	0.105	ng		0.00
5) Phenol-d6	6.879	99	946	0.117	ng		0.00
8) Nitrobenzene-d5	8.854	82	538	0.104	ng		-0.01
11) 2-Methylnaphthalene-d10	12.096	152	962	0.097	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	199	0.100	ng		0.00
15) 2-Fluorobiphenyl	12.978	172	1841	0.087	ng		0.00
27) Fluoranthene-d10	19.127	212	2175	0.097	ng		0.00
31) Terphenyl-d14	19.731	244	1563	0.108	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.139	93	707	0.105	ng		97
9) Naphthalene	10.551	128	1848	0.100	ng	#	93
10) Hexachlorobutadiene	10.850	225	396	0.097	ng	#	100
12) 2-Methylnaphthalene	12.172	142	1218	0.100	ng		98
16) Acenaphthylene	14.067	152	1745	0.096	ng		97
17) Acenaphthene	14.420	154	1254	0.102	ng		98
18) Fluorene	15.403	166	1612	0.101	ng		97
21) 4-Bromophenyl-phenylether	16.292	248	527	0.097	ng		98
22) Hexachlorobenzene	16.404	284	670	0.095	ng		100
23) Atrazine	16.565	200	368	0.097	ng	#	81
25) Phenanthrene	17.136	178	2480	0.097	ng		99
26) Anthracene	17.223	178	2179	0.094	ng		100
28) Fluoranthene	19.155	202	2886	0.098	ng		98
30) Pyrene	19.517	202	2961	0.109	ng		100
32) Benzo(a)anthracene	21.268	228	2388	0.101	ng		97
33) Chrysene	21.322	228	2451	0.100	ng		98
36) Indeno(1,2,3-cd)pyrene	25.791	276	2389	0.090	ng		96
37) Benzo(b)fluoranthene	22.850	252	2342	0.096	ng	#	85
38) Benzo(k)fluoranthene	22.896	252	2426	0.097	ng	#	73
39) Benzo(a)pyrene	23.426	252	1902	0.094	ng	#	77
40) Dibenzo(a,h)anthracene	25.811	278	1921	0.089	ng	#	78
41) Benzo(g,h,i)perylene	26.478	276	1995	0.089	ng		90

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

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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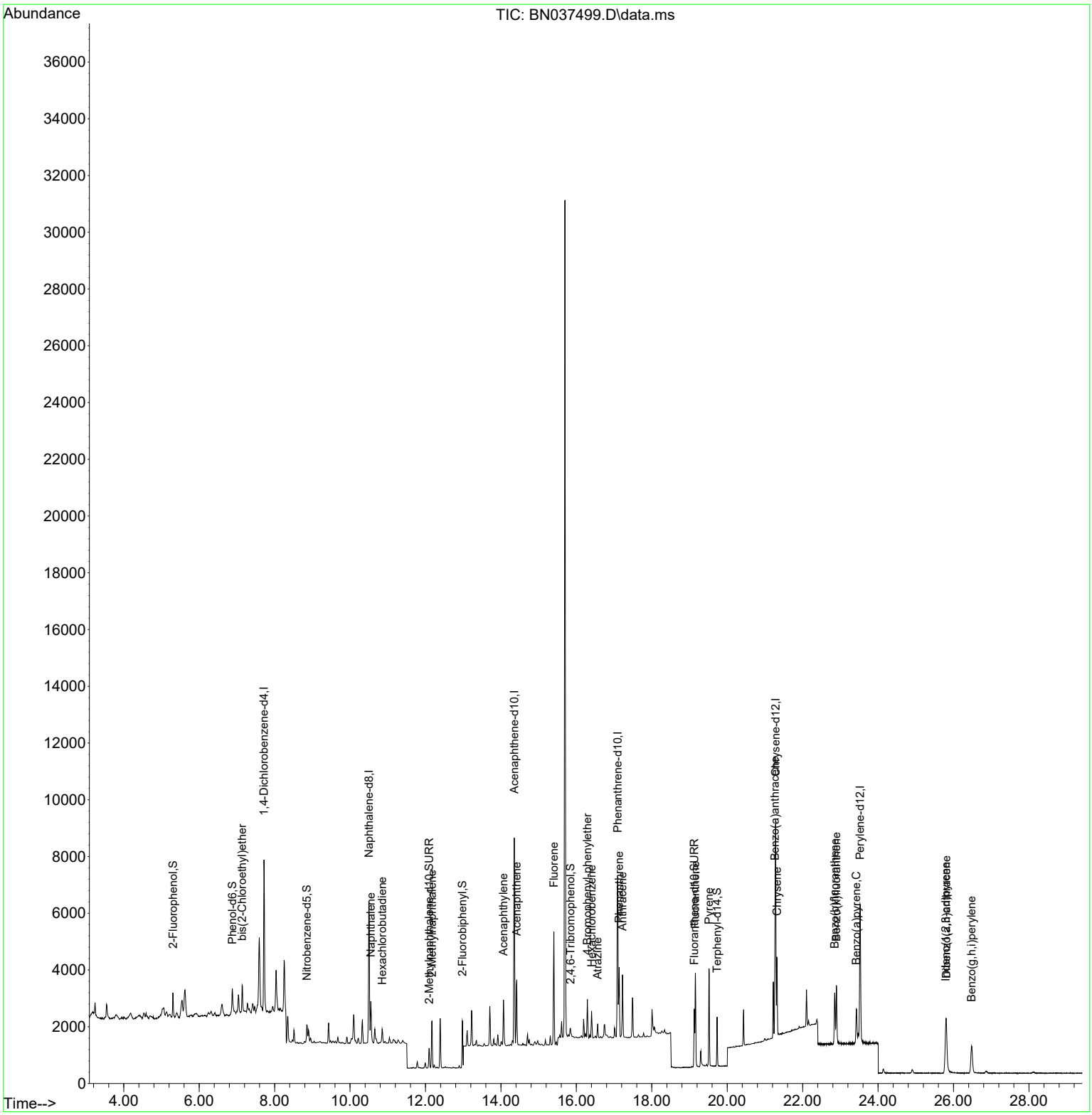
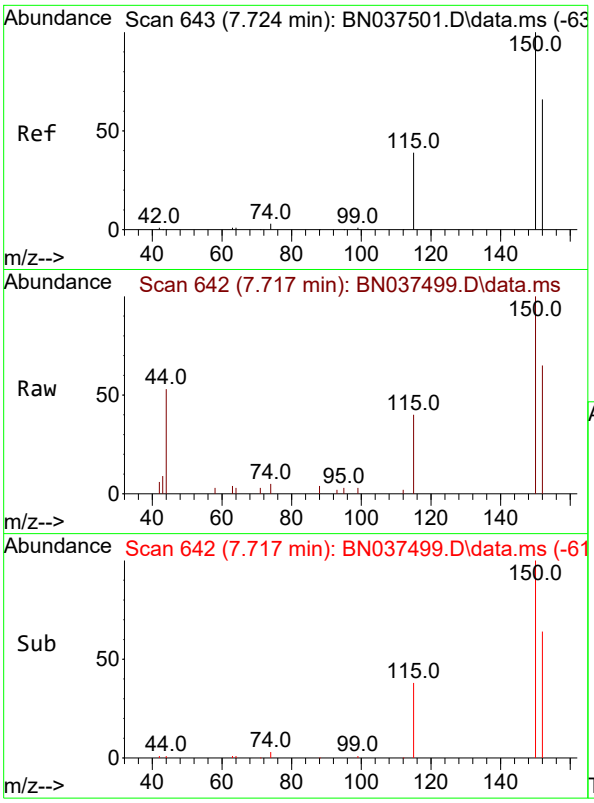


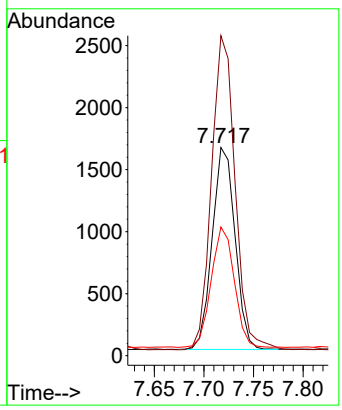


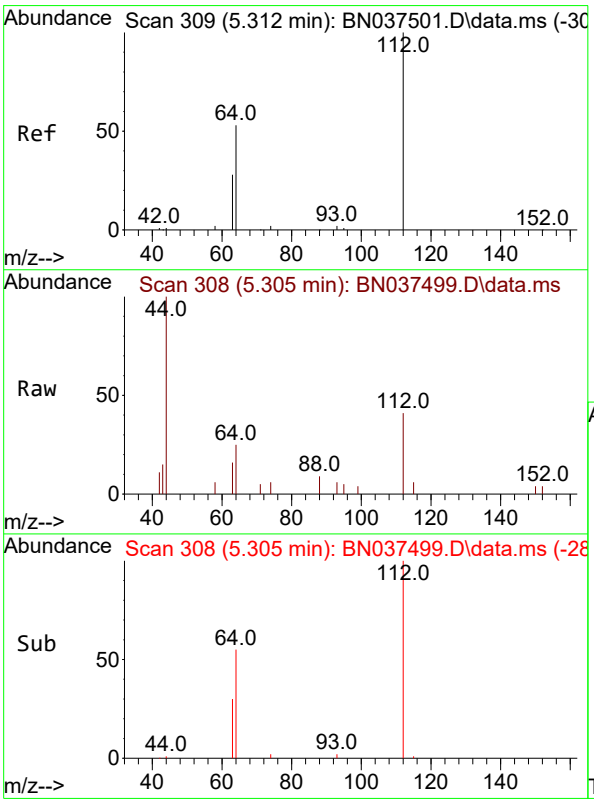
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2613

Ion	Ratio	Lower	Upper
152	100		
150	153.7	119.8	179.8
115	61.8	49.1	73.7

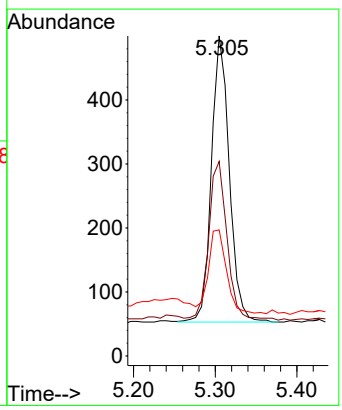


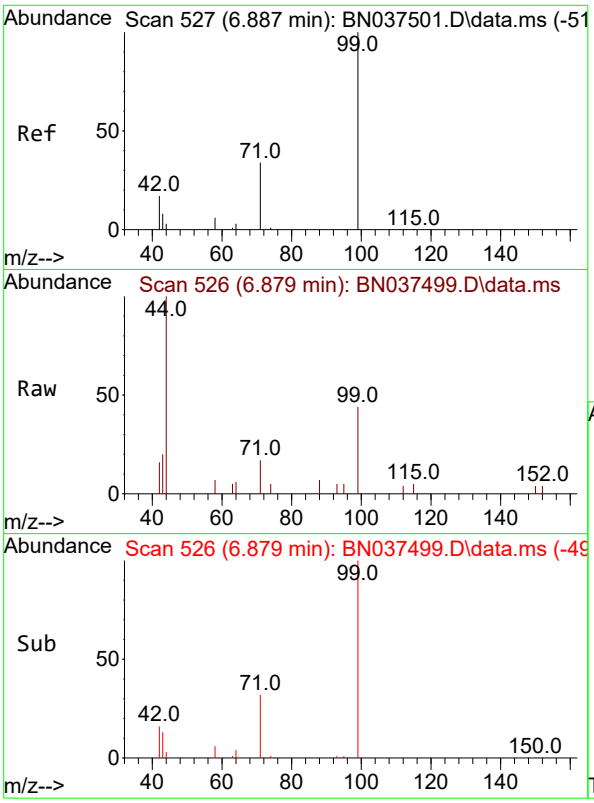


#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.007 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:112 Resp: 678

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.1	67.7
63	29.1	23.8	35.8



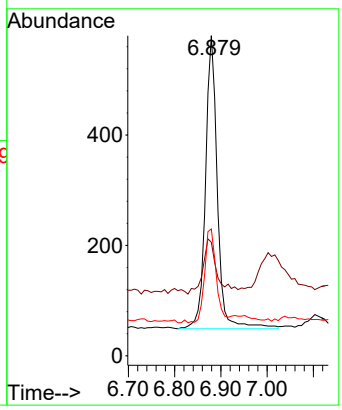


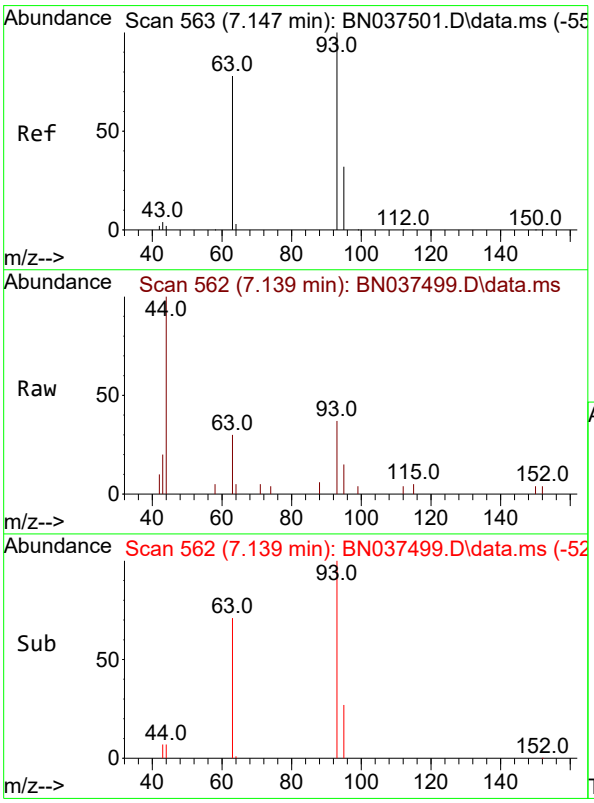
#5
Phenol-d6
Concen: 0.117 ng
RT: 6.879 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 946

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.1	25.7
71	31.1	27.8	41.8

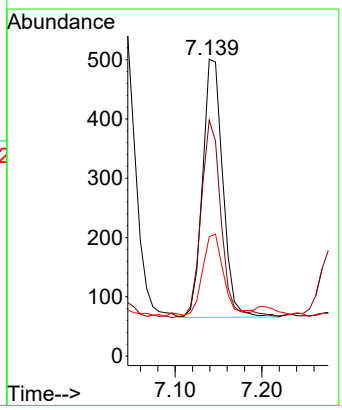


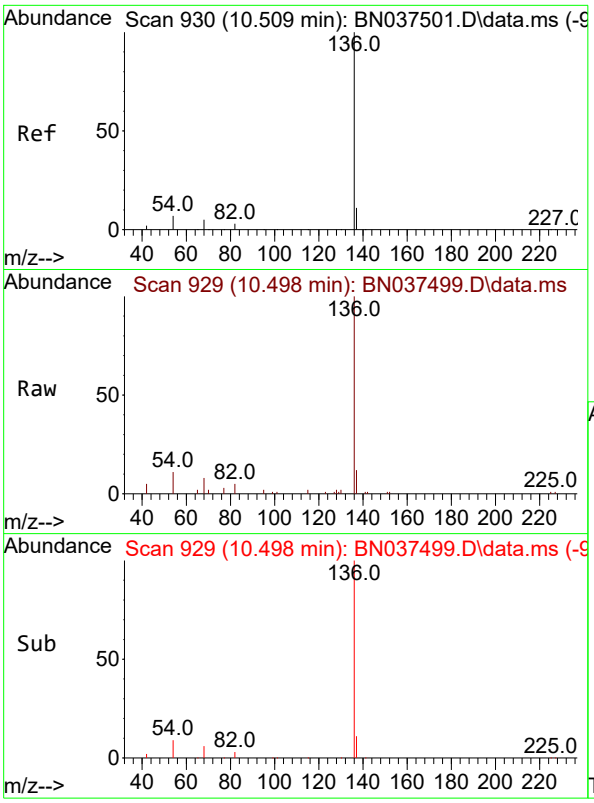


#6
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.007 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion: 93 Resp: 707

Ion	Ratio	Lower	Upper
93	100		
63	75.8	58.2	87.4
95	33.2	25.3	37.9



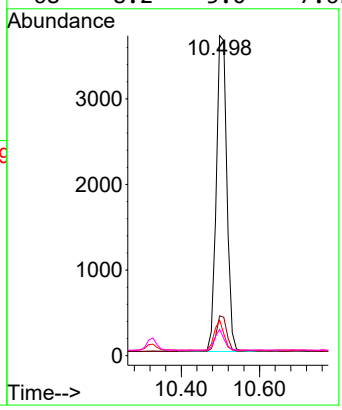


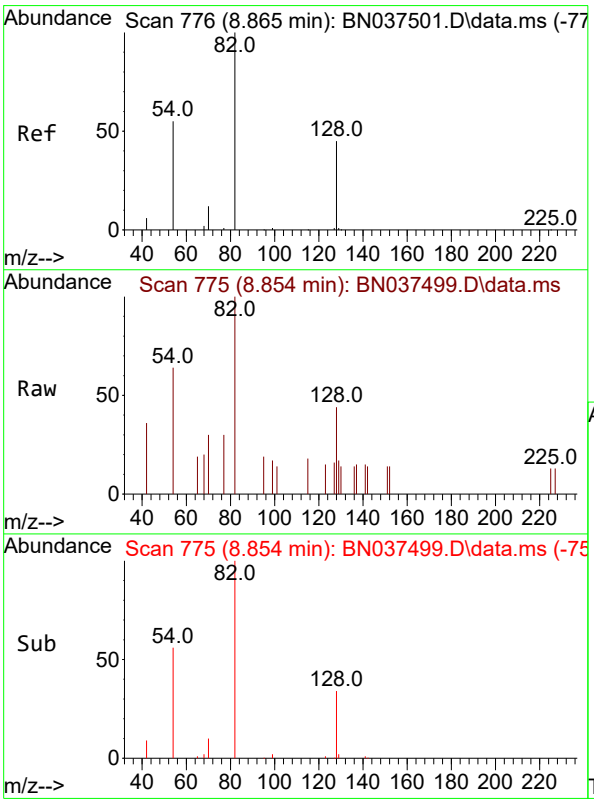
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 6917

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.8
54	11.1	6.6	9.8#
68	8.2	5.0	7.6#

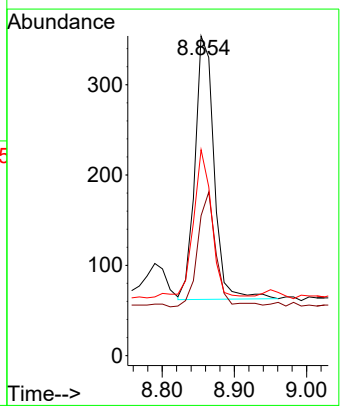


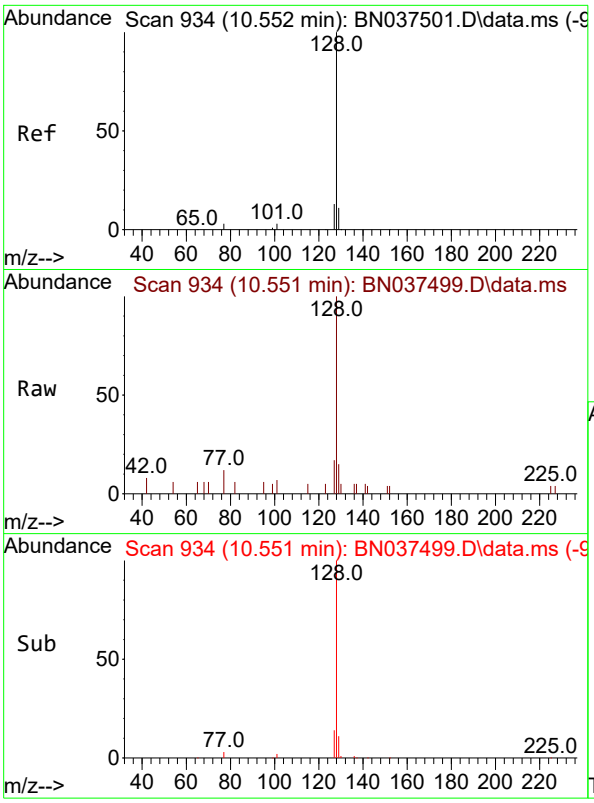


#8
Nitrobenzene-d5
Concen: 0.104 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.011 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion: 82 Resp: 538

Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.5	56.3
54	64.4	45.3	67.9



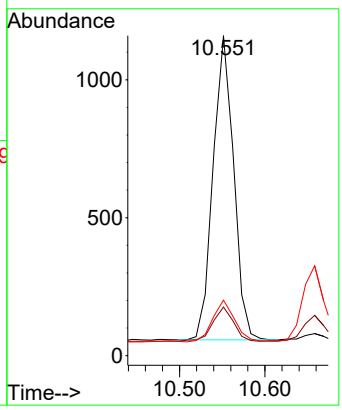


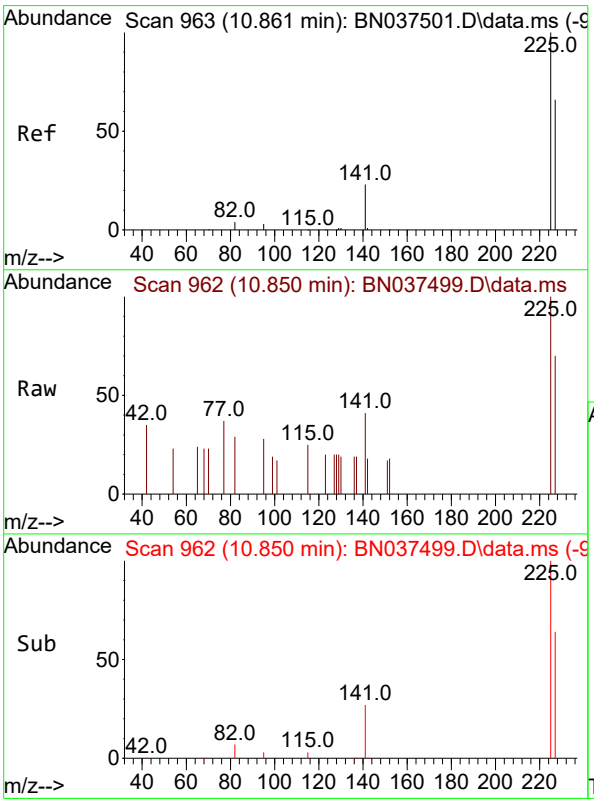
#9
Naphthalene
Concen: 0.100 ng
RT: 10.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1848

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.7	14.5#
127	17.3	11.5	17.3#

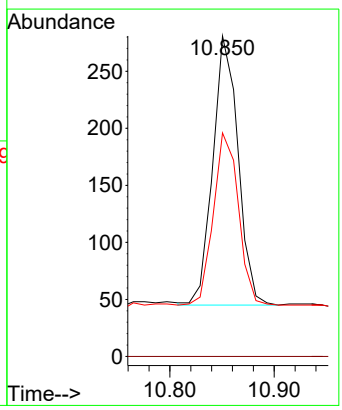


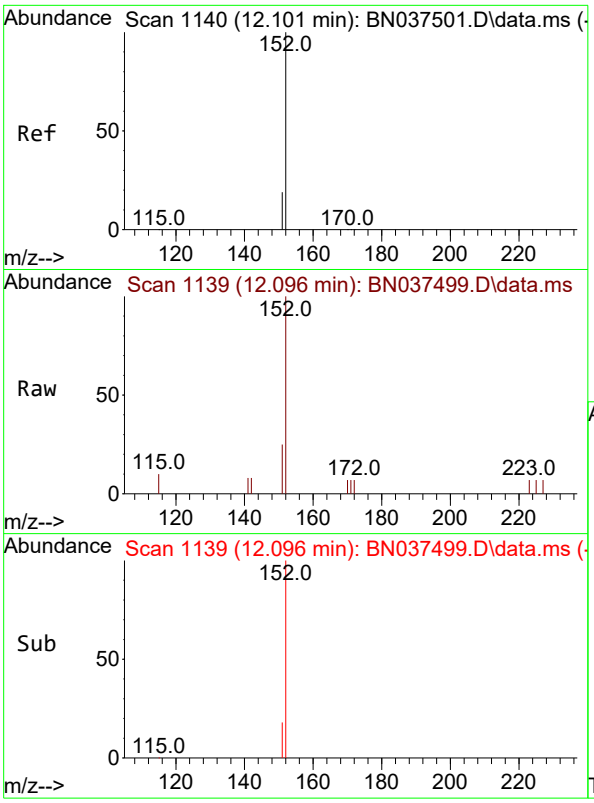


#10
Hexachlorobutadiene
Concen: 0.097 ng
RT: 10.850 min Scan# 962
Delta R.T. -0.011 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:225 Resp: 396

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.0	76.4



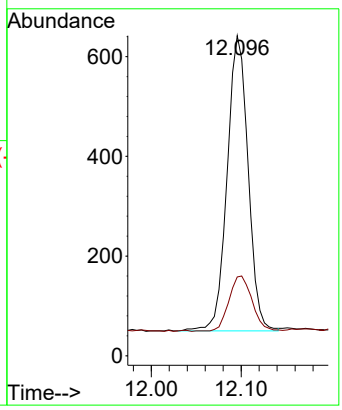


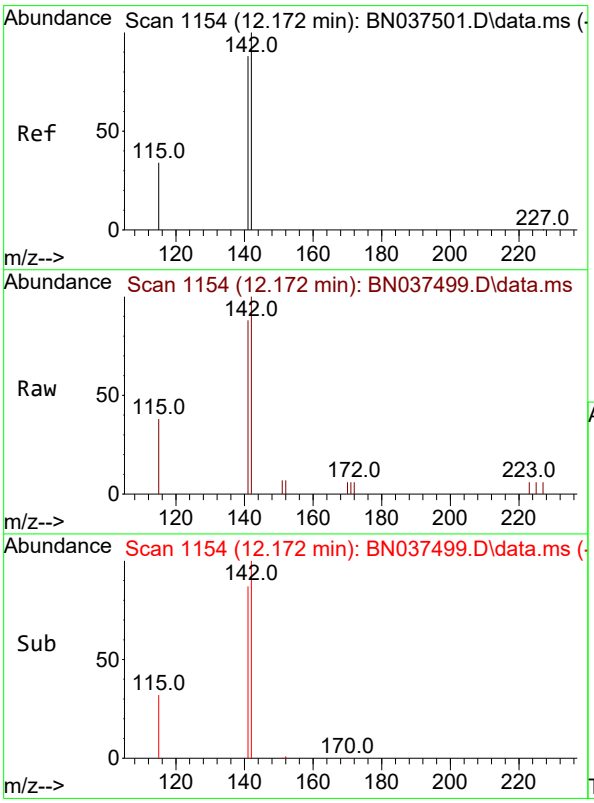
#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.096 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 962

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2

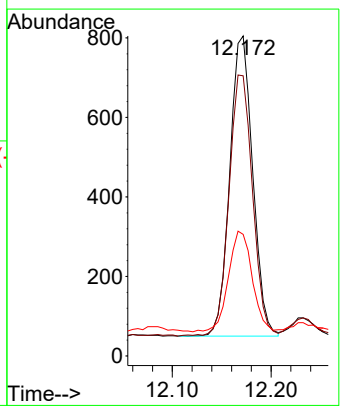


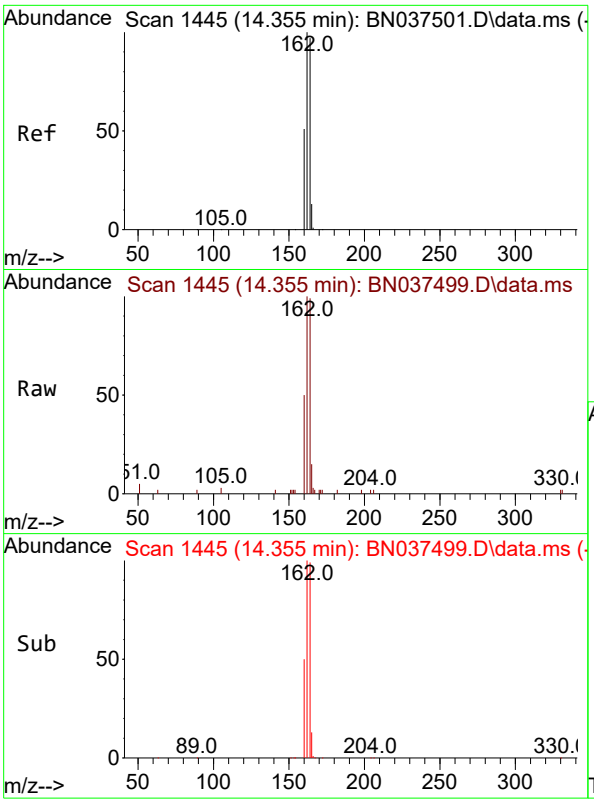


#12
2-Methylnaphthalene
Concen: 0.100 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:142 Resp: 1218

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.4
115	38.0	29.0	43.4



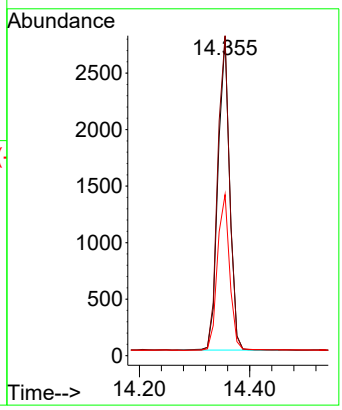


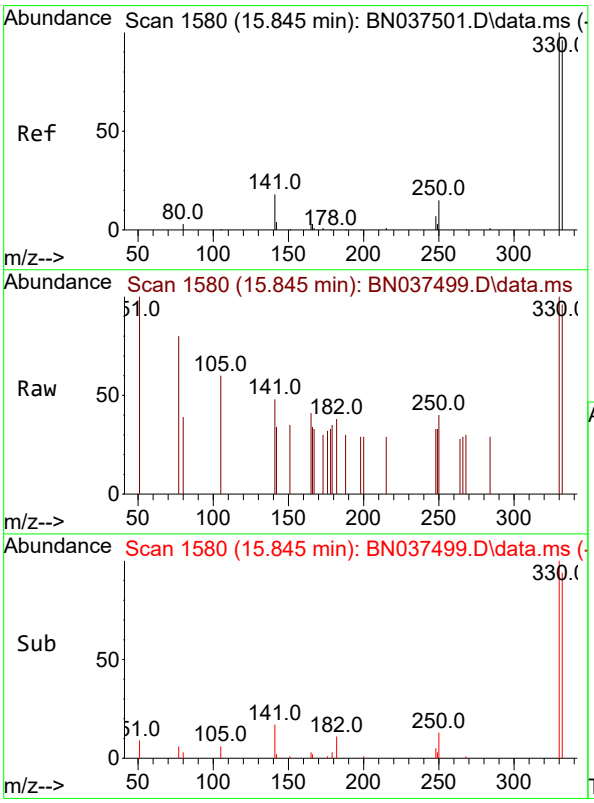
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 4050

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.0	123.0
160	50.6	42.4	63.6

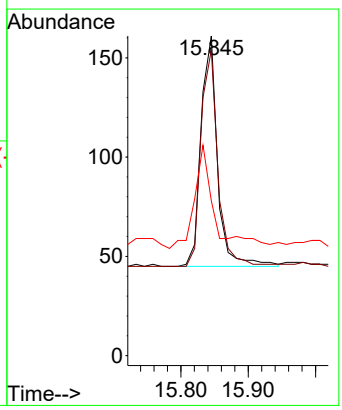


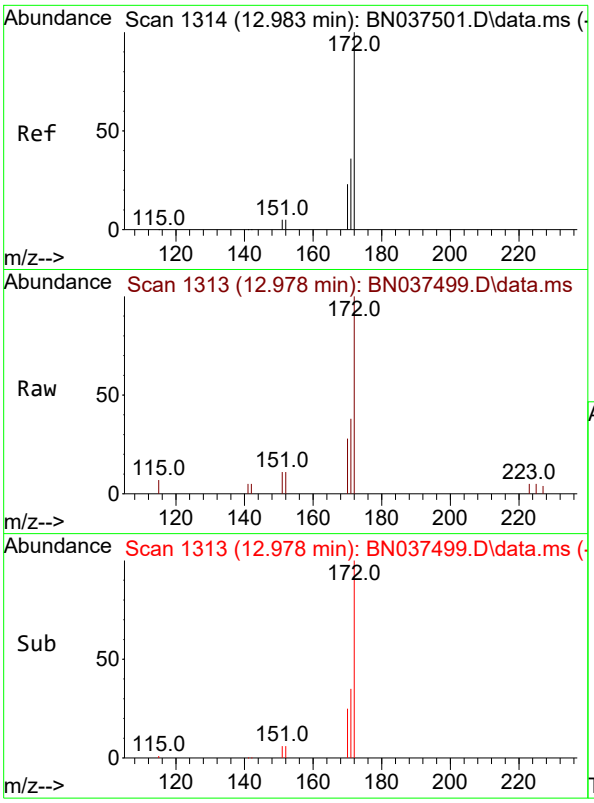


#14
2,4,6-Tribromophenol
Concen: 0.100 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:330 Resp: 199

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	44.7	33.4	50.0



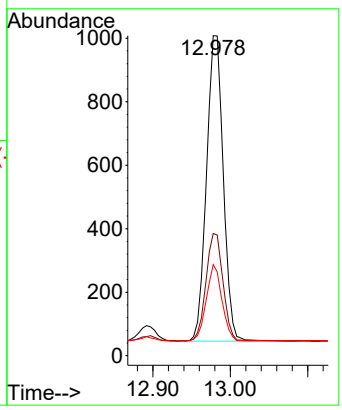


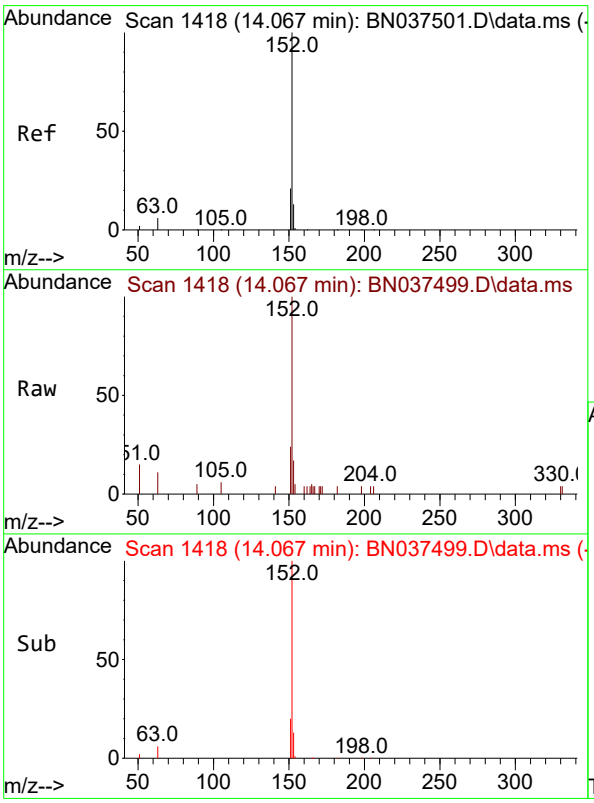
#15
2-Fluorobiphenyl
Concen: 0.087 ng
RT: 12.978 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1841

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	28.5	19.4	29.0

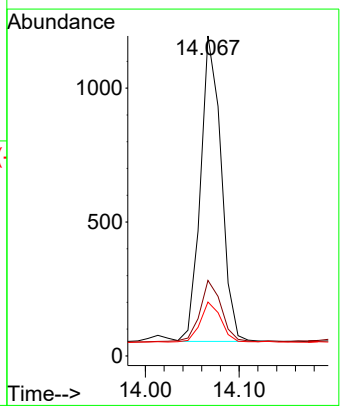


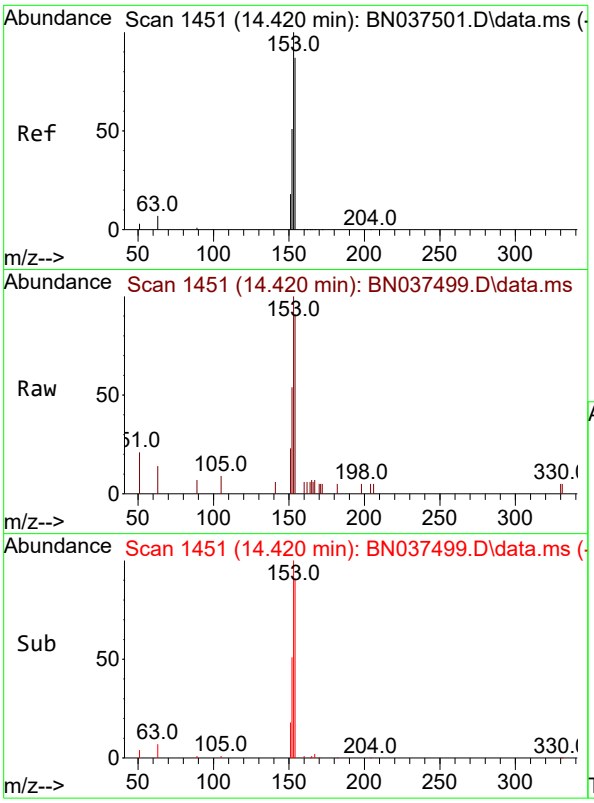


#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.067 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:152 Resp: 1745

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.9	23.9
153	14.3	10.7	16.1



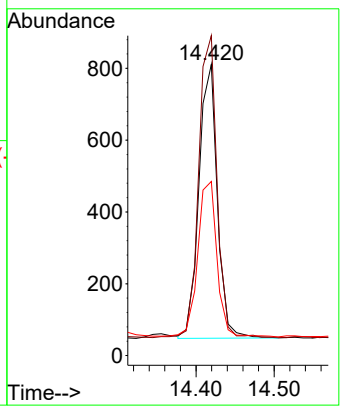


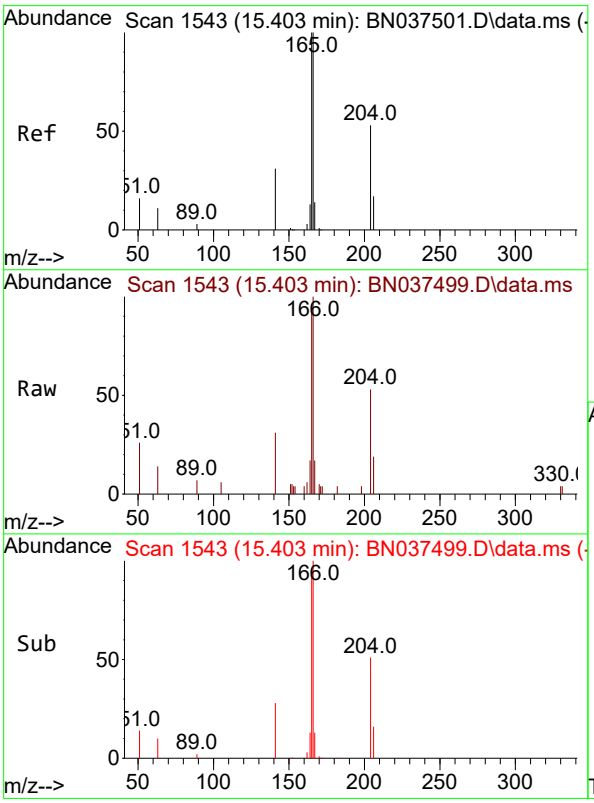
#17
Acenaphthene
Concen: 0.102 ng
RT: 14.420 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1254

Ion	Ratio	Lower	Upper
154	100		
153	108.9	89.2	133.8
152	59.4	48.0	72.0

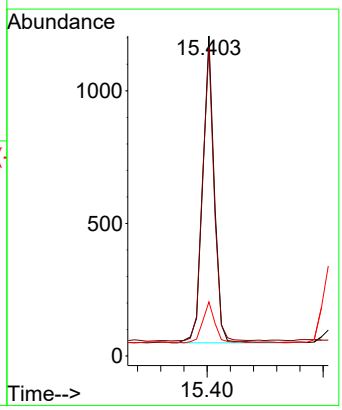


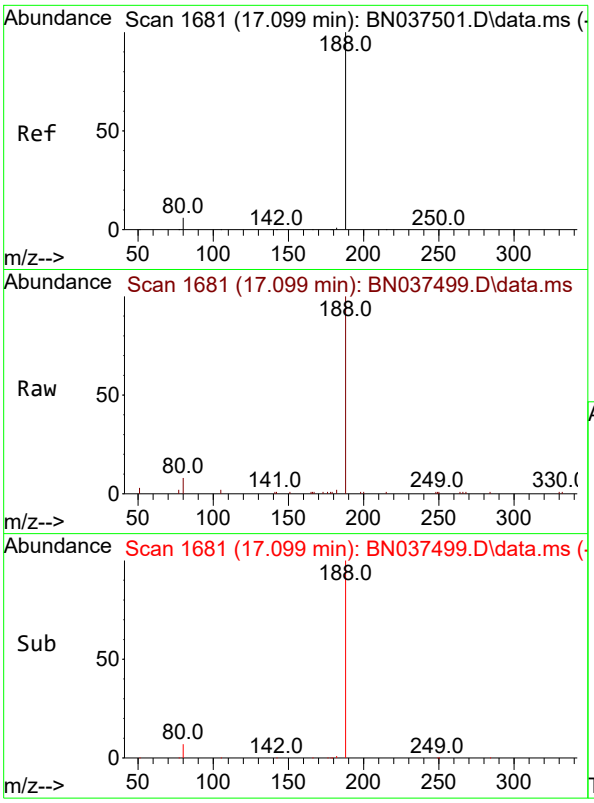


#18
Fluorene
Concen: 0.101 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:166 Resp: 1612

Ion	Ratio	Lower	Upper
166	100		
165	94.6	78.1	117.1
167	14.0	11.0	16.6



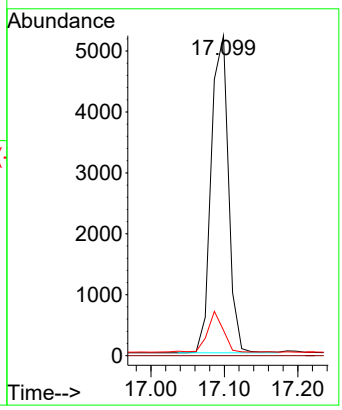


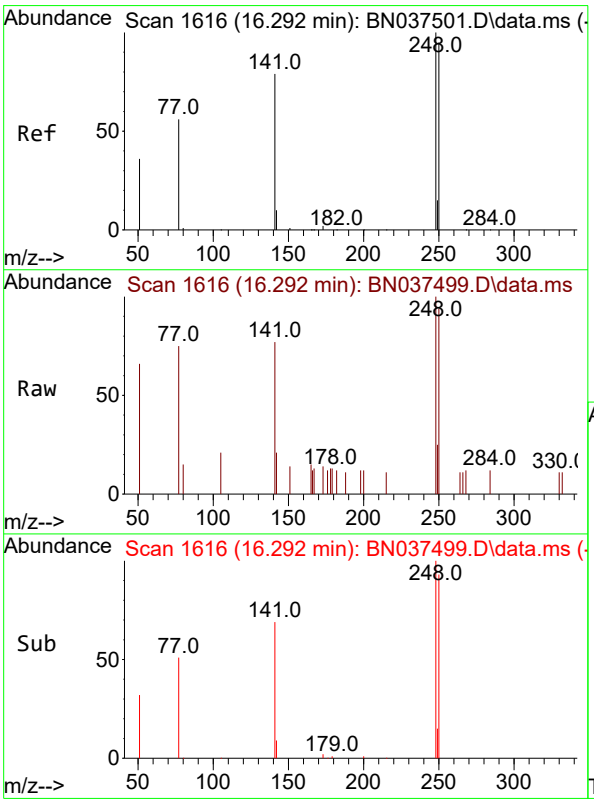
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 8501

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.0	9.0

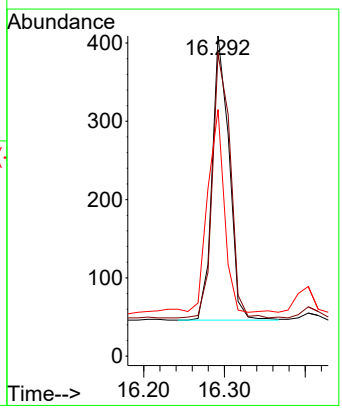


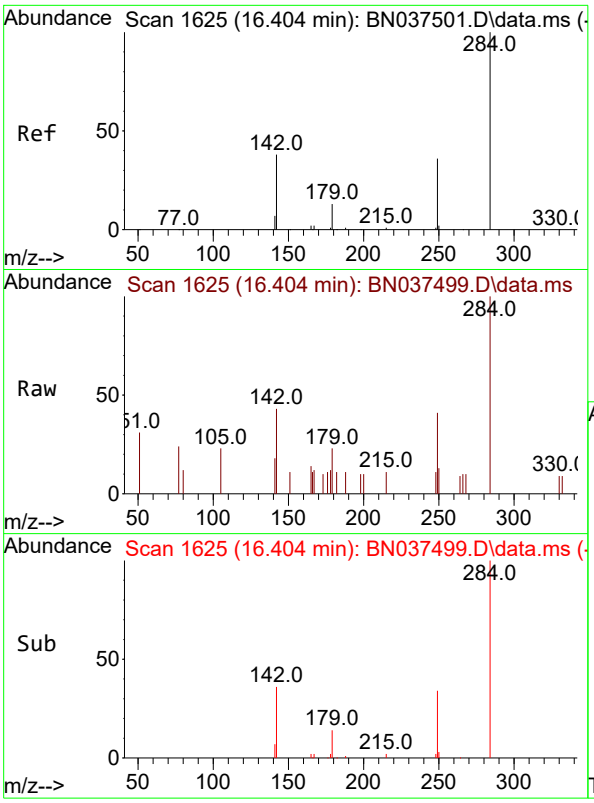


#21
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 16.292 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:248 Resp: 527

Ion	Ratio	Lower	Upper
248	100		
250	94.4	76.2	114.2
141	77.0	63.9	95.9



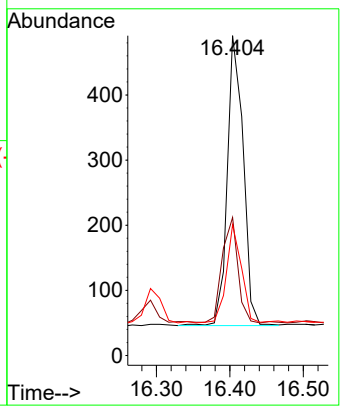


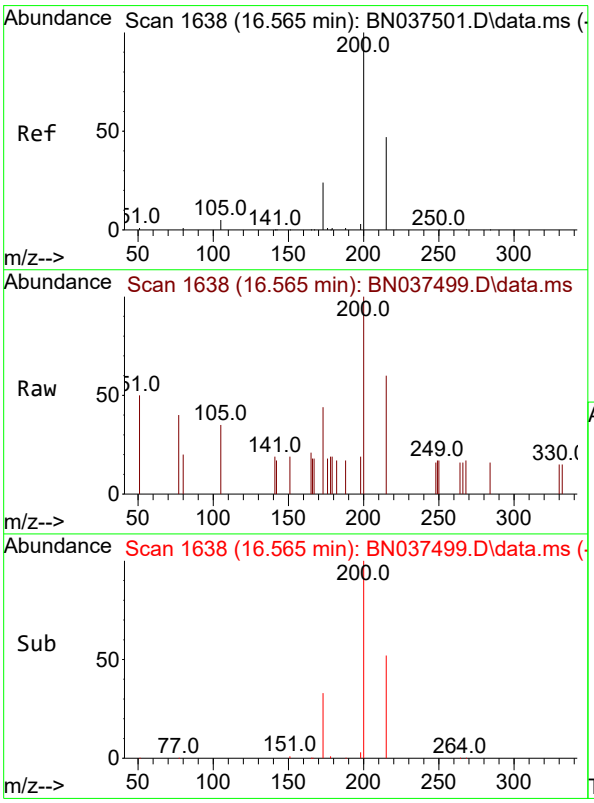
#22
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.404 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 670

Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.9	43.3
249	32.4	25.8	38.6

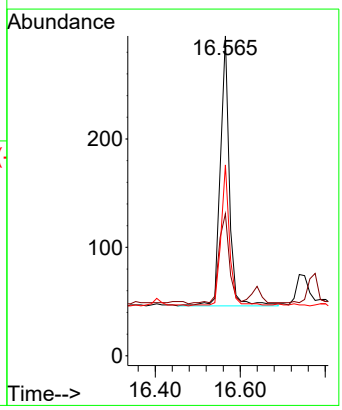


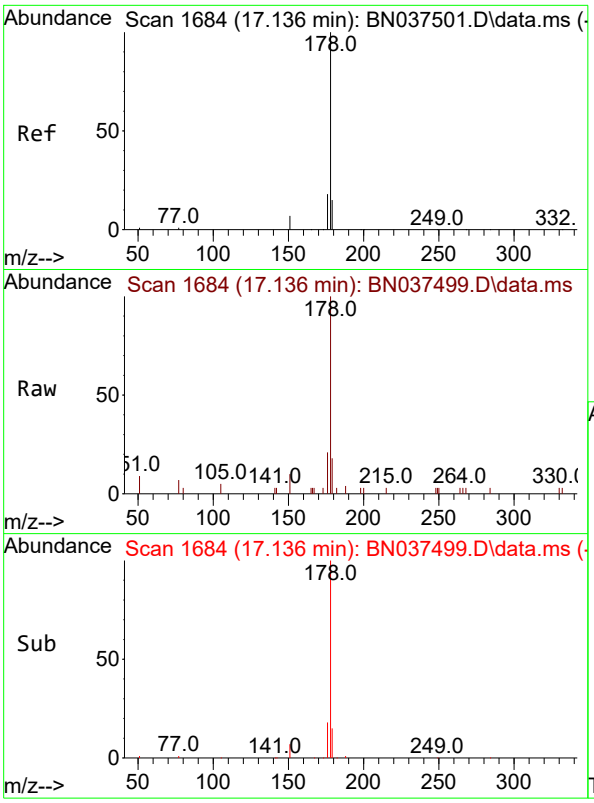


#23
Atrazine
Concen: 0.097 ng
RT: 16.565 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:200 Resp: 368

Ion	Ratio	Lower	Upper
200	100		
173	44.4	23.2	34.8#
215	59.7	40.2	60.4



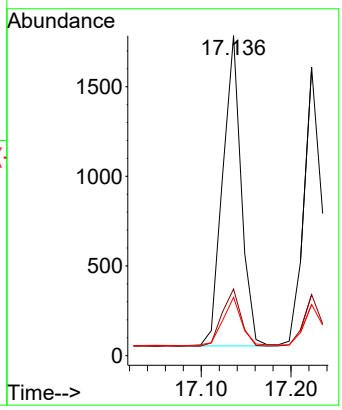


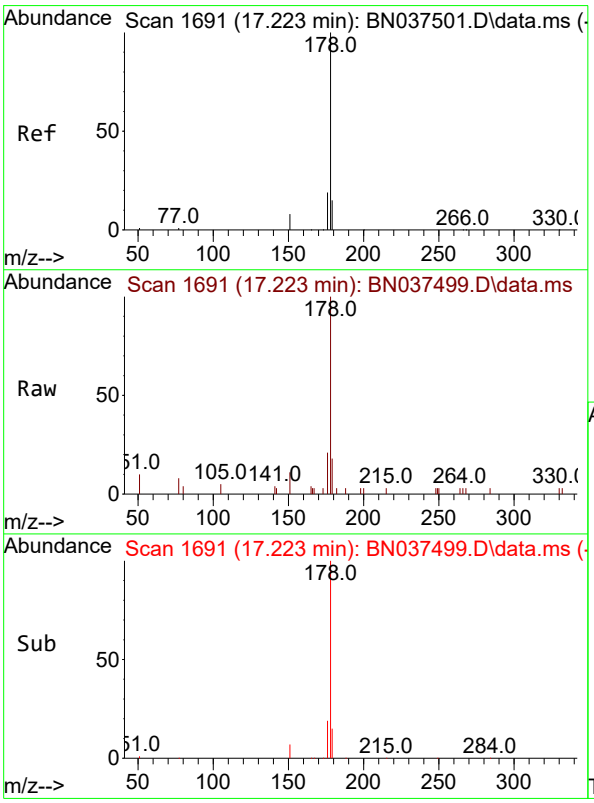
#25
Phenanthrene
Concen: 0.097 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2480

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	15.8	12.2	18.2

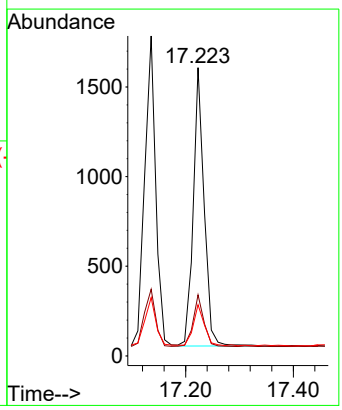


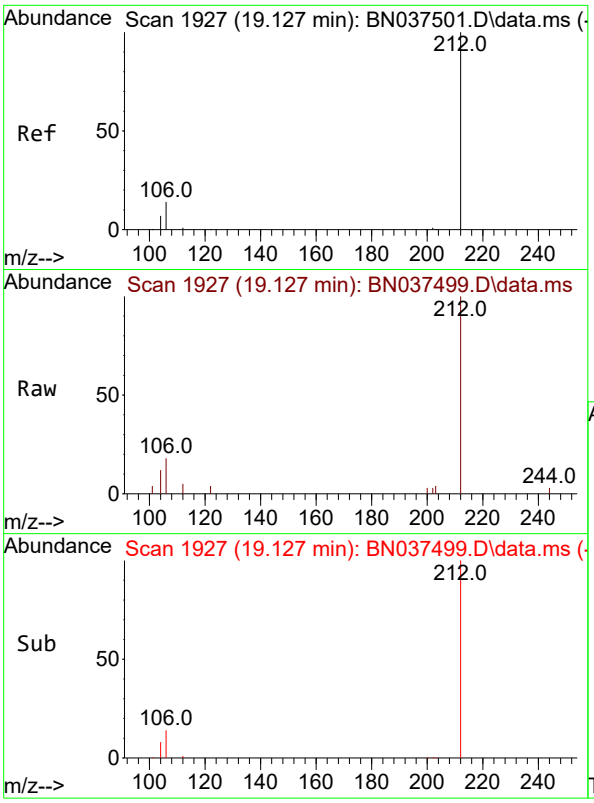


#26
Anthracene
Concen: 0.094 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:178 Resp: 2179

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.3	12.3	18.5



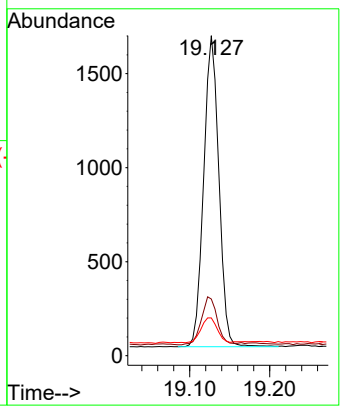


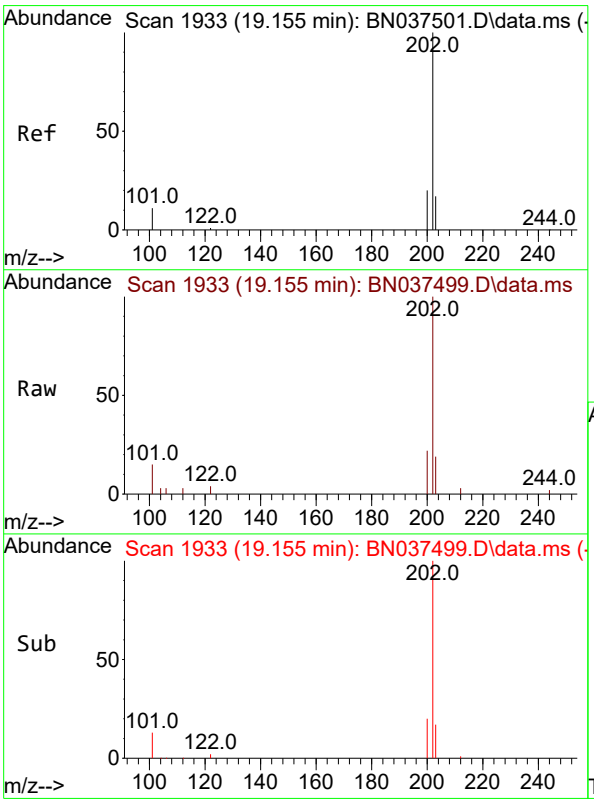
#27
Fluoranthene-d10
Concen: 0.097 ng
RT: 19.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 2175

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.2	18.4
104	8.7	6.7	10.1

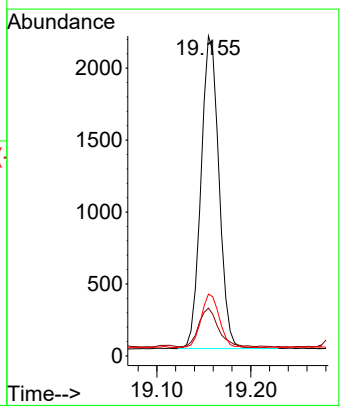


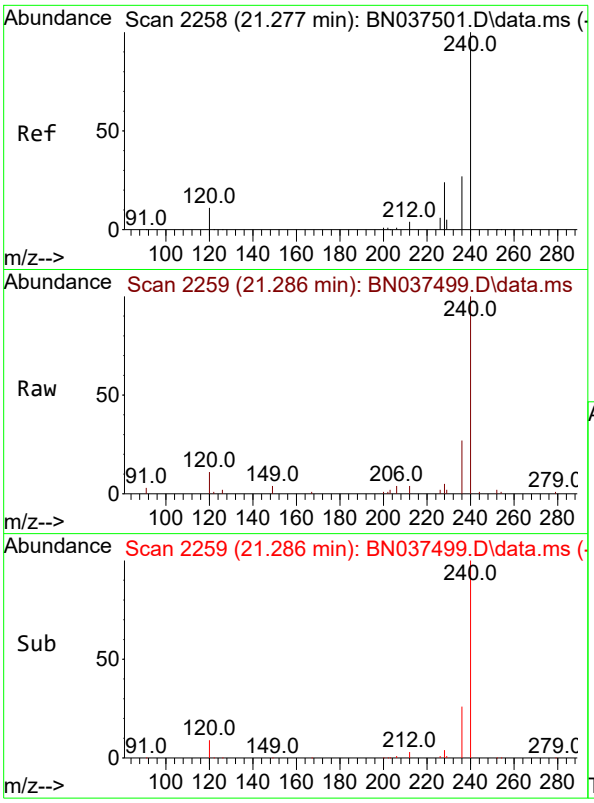


#28
Fluoranthene
Concen: 0.098 ng
RT: 19.155 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:202 Resp: 2886

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.6
203	17.3	13.6	20.4



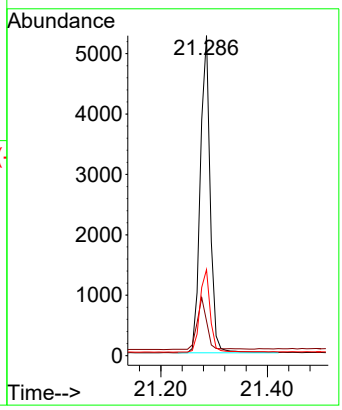


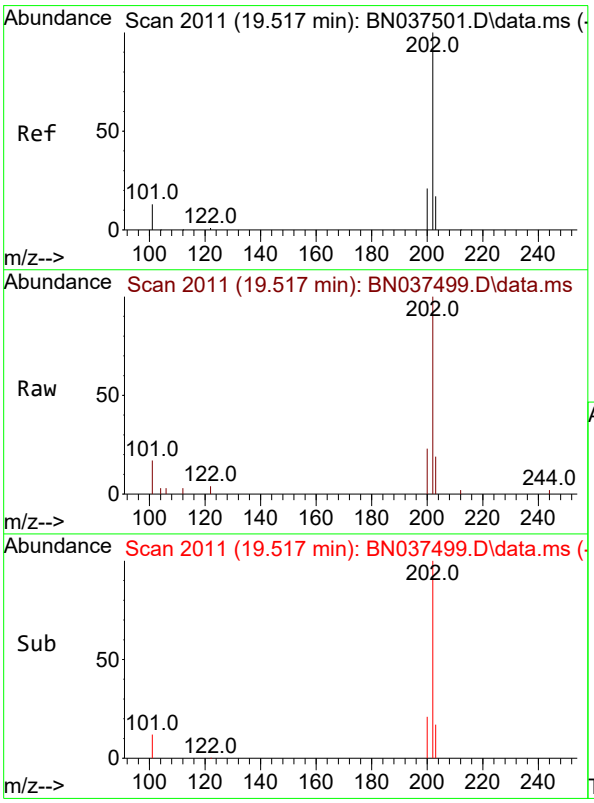
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 6753

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.7	16.1
236	26.9	22.6	33.8

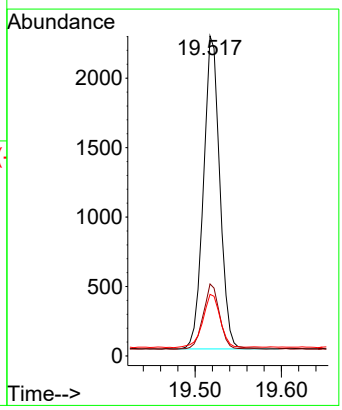


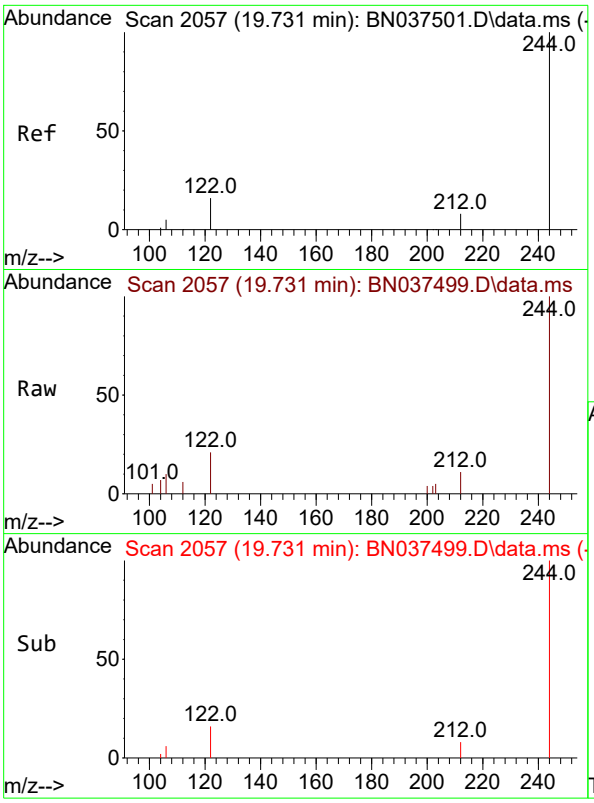


#30
Pyrene
Concen: 0.109 ng
RT: 19.517 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:202 Resp: 2961

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.2	14.3	21.5



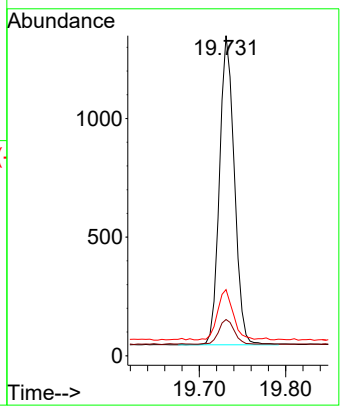


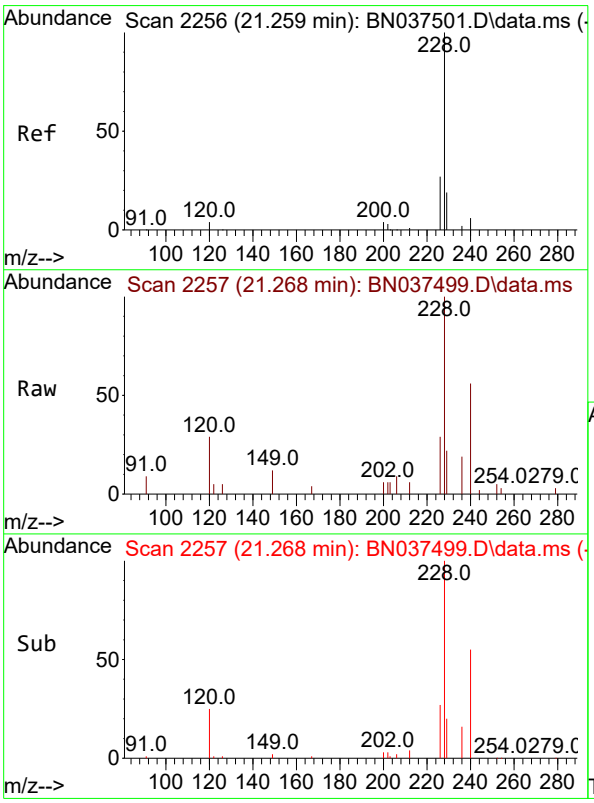
#31
Terphenyl-d14
Concen: 0.108 ng
RT: 19.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1563

Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.4	11.2#
122	20.7	13.6	20.4#

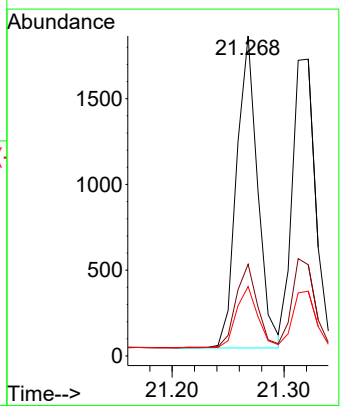


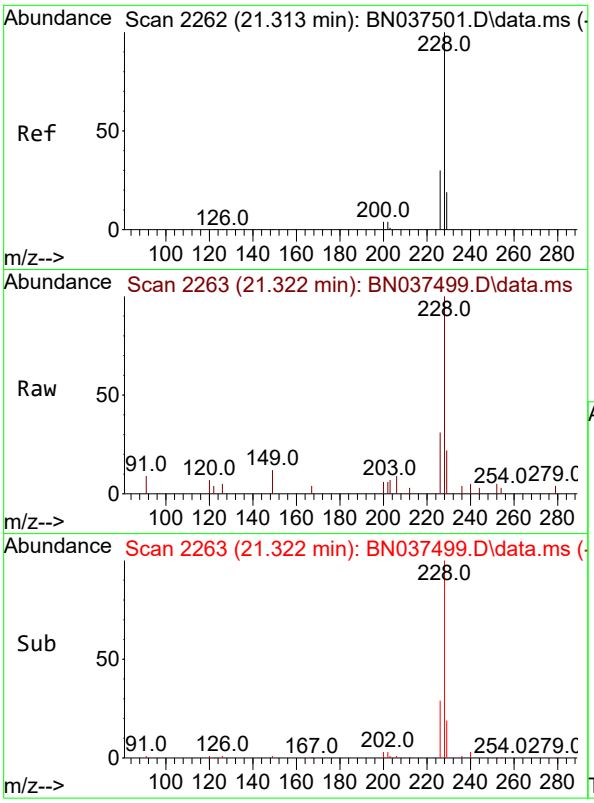


#32
Benzo(a)anthracene
Concen: 0.101 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.009 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:228 Resp: 2388

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.9	32.9
229	21.7	15.8	23.8



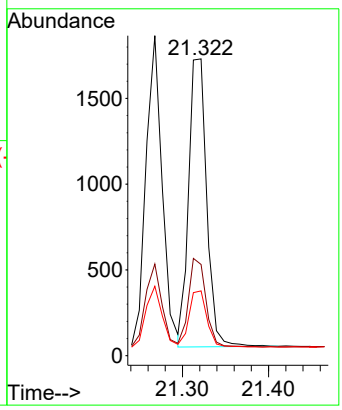


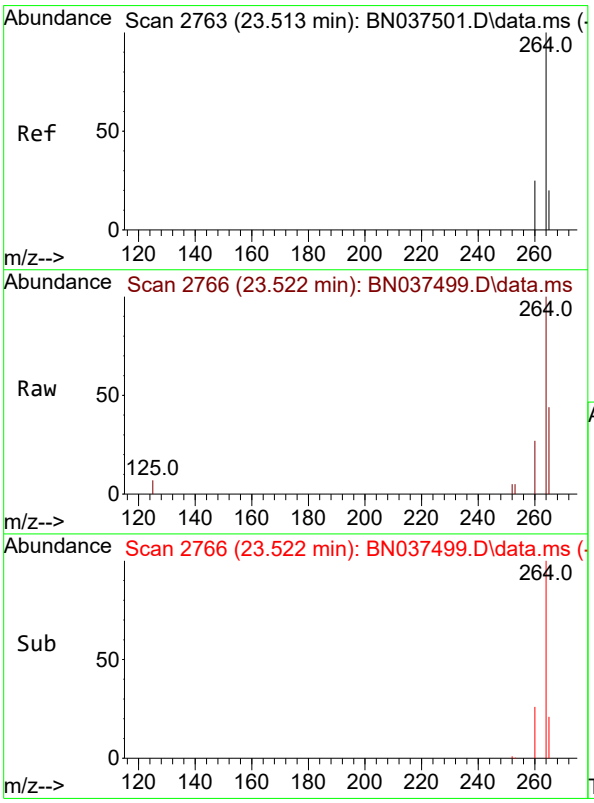
#33
Chrysene
Concen: 0.100 ng
RT: 21.322 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2451

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	21.8	16.1	24.1

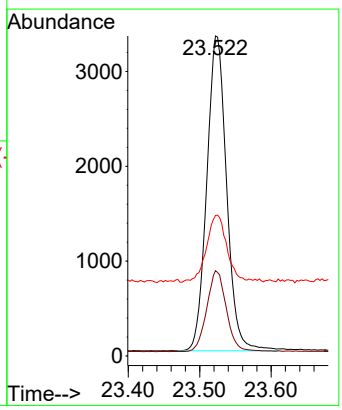


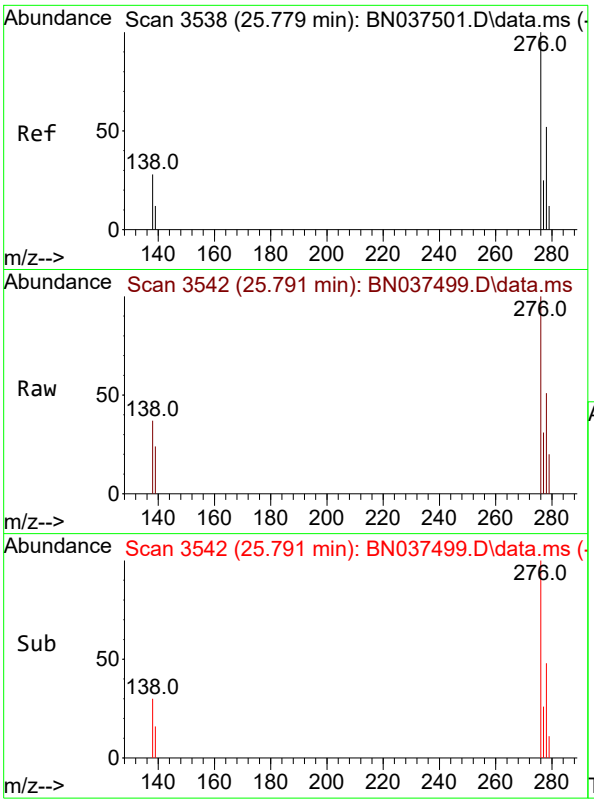


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2766
Delta R.T. 0.009 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:264 Resp: 6399

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	43.9	40.4	60.6



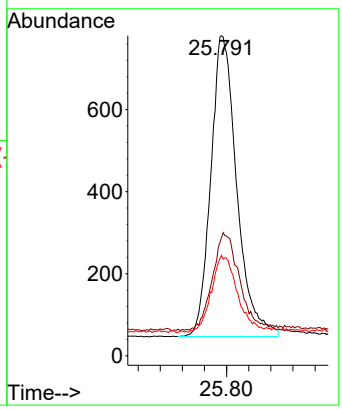


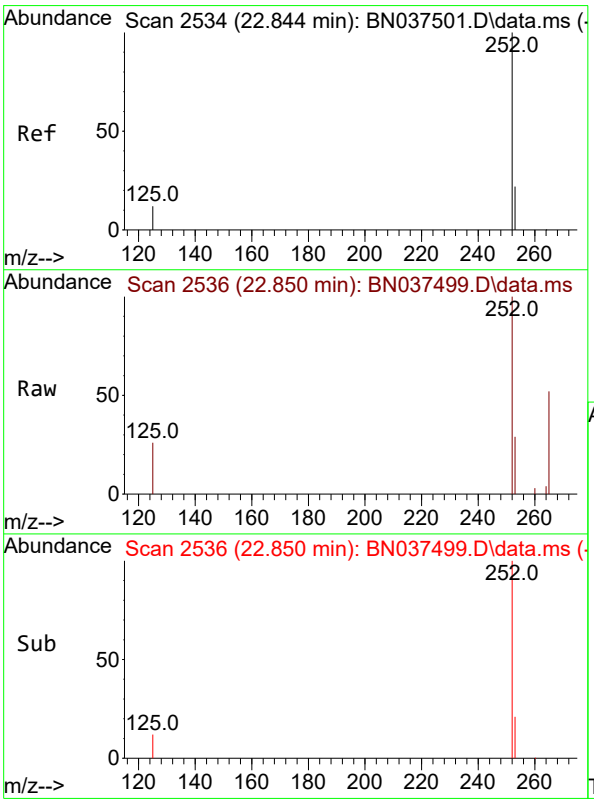
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng
RT: 25.791 min Scan# 3
Delta R.T. 0.012 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2389

Ion	Ratio	Lower	Upper
276	100		
138	33.7	24.0	36.0
277	25.3	20.5	30.7

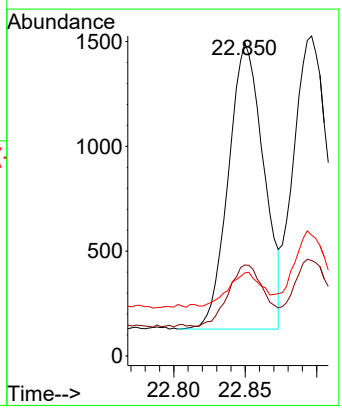


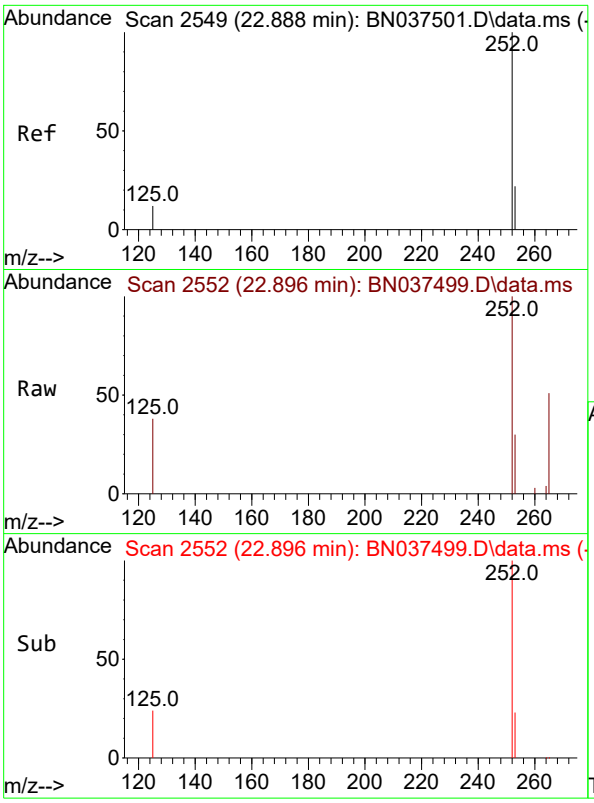


#37
Benzo(b)fluoranthene
Concen: 0.096 ng
RT: 22.850 min Scan# 2536
Delta R.T. 0.006 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:252 Resp: 2342

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.5	29.3
125	26.5	13.0	19.6#



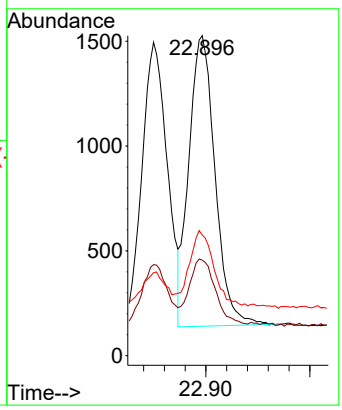


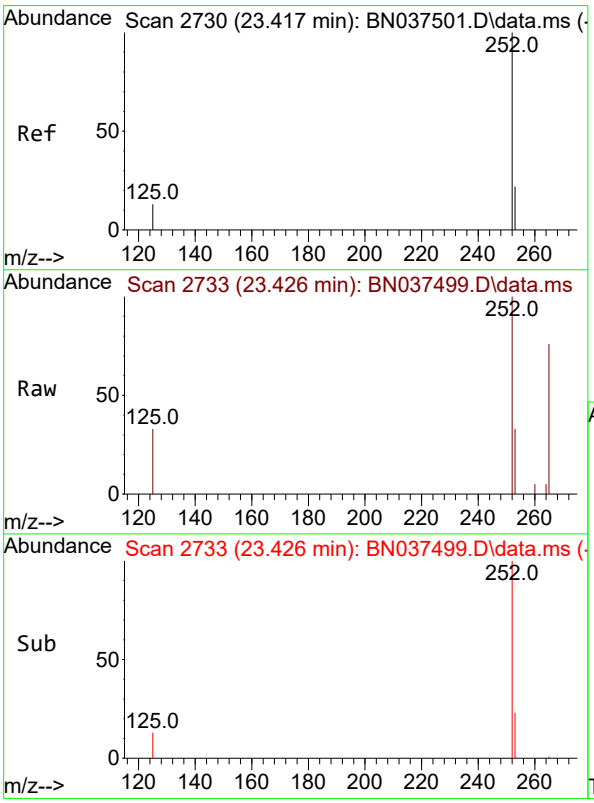
#38
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 22.896 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2426

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.5	29.3#
125	37.7	13.1	19.7#

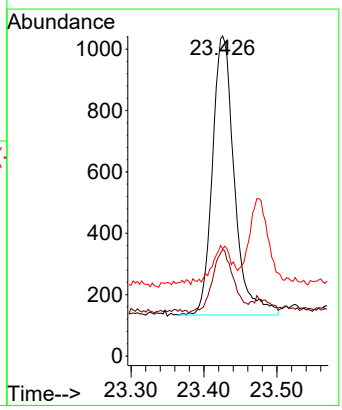


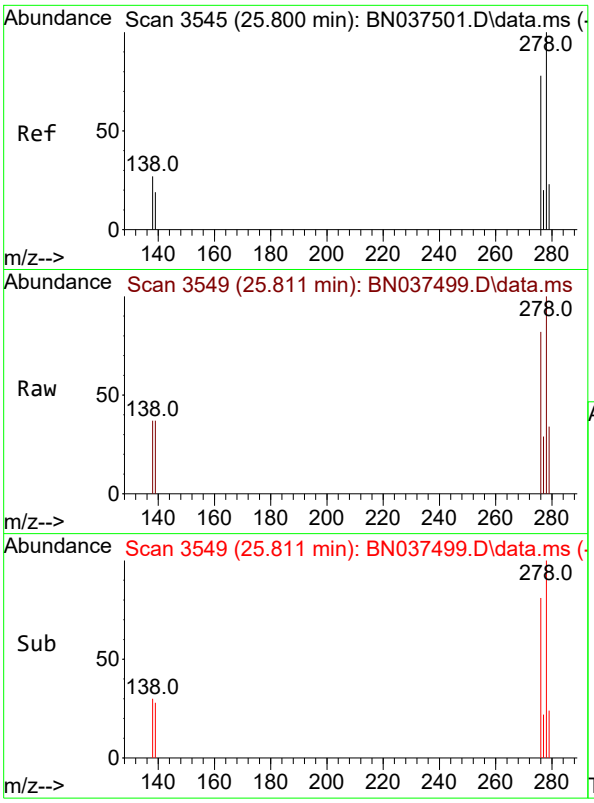


#39
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.426 min Scan# 2733
Delta R.T. 0.009 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:252 Resp: 1902

Ion	Ratio	Lower	Upper
252	100		
253	33.3	19.9	29.9#
125	33.5	15.2	22.8#



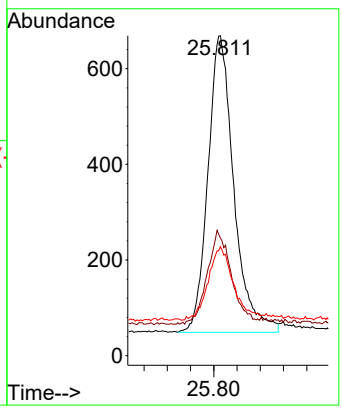


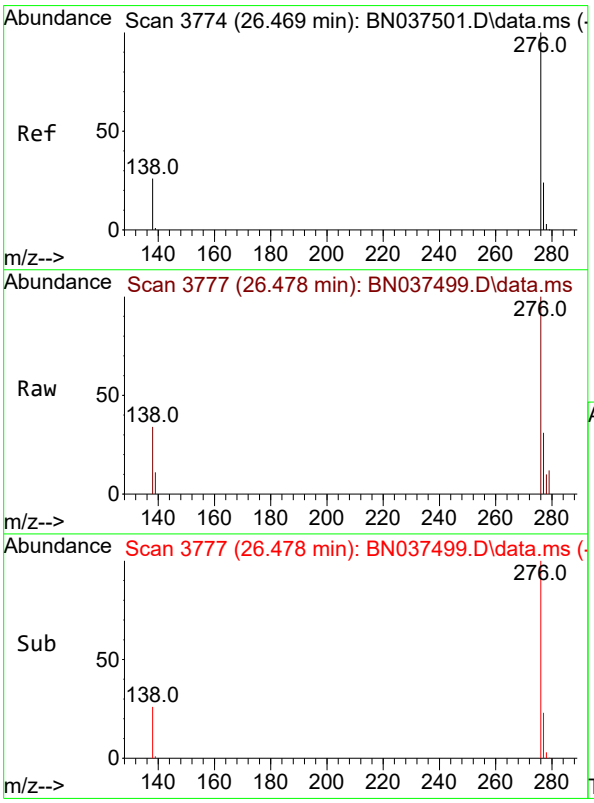
#40
Dibenzo(a,h)anthracene
Concen: 0.089 ng
RT: 25.811 min Scan# 3
Delta R.T. 0.012 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 1921

Ion	Ratio	Lower	Upper
278	100		
139	36.8	17.5	26.3#
279	34.1	21.3	31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 26.478 min Scan# 3777
Delta R.T. 0.009 min
Lab File: BN037499.D
Acq: 15 Jul 2025 12:36

Tgt Ion:276 Resp: 1995

Ion	Ratio	Lower	Upper
276	100		
277	30.7	20.9	31.3
138	33.7	22.6	33.8