Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036900.D
Acq On : 14 Apr 2025 14:38
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Apr 14 17:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:55:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	1387	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	3400	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	1899	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	3763	0.400	ng		0.00
29) Chrysene-d12	21.224	240	3219	0.400	ng		0.00
35) Perylene-d12	23.433	264	3042	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	1334	0.407	ng		0.00
5) Phenol-d6	6.809	99	1621	0.394	ng		0.00
8) Nitrobenzene-d5	8.781	82	1508	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.011	152	2019	0.408	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	374	0.410	ng		0.00
15) 2-Fluorobiphenyl	12.904	172	3848	0.420	ng		0.00
27) Fluoranthene-d10	19.063	212	4276	0.430	ng		0.00
31) Terphenyl-d14	19.667	244	2909	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	693	0.437	ng		100
3) n-Nitrosodimethylamine	3.466	42	1564	0.427	ng		100
6) bis(2-Chloroethyl)ether	7.062	93	1593	0.399	ng		100
9) Naphthalene	10.468	128	4072	0.412	ng		100
10) Hexachlorobutadiene	10.757	225	974	0.429	ng	#	100
12) 2-Methylnaphthalene	12.087	142	2544	0.405	ng		100
16) Acenaphthylene	13.999	152	3612	0.401	ng		100
17) Acenaphthene	14.341	154	2417	0.407	ng		100
18) Fluorene	15.336	166	3173	0.405	ng		100
20) 4,6-Dinitro-2-methylph...	15.421	198	406	0.411	ng		100
21) 4-Bromophenyl-phenylether	16.227	248	1031	0.432	ng		100
22) Hexachlorobenzene	16.338	284	1166	0.436	ng		100
23) Atrazine	16.500	200	894	0.451	ng		100
24) Pentachlorophenol	16.686	266	600	0.420	ng		100
25) Phenanthrene	17.071	178	4960	0.430	ng		100
26) Anthracene	17.158	178	4394	0.423	ng		100
28) Fluoranthene	19.096	202	5775	0.426	ng		100
30) Pyrene	19.458	202	5880	0.406	ng		100
32) Benzo(a)anthracene	21.207	228	4716	0.404	ng		100
33) Chrysene	21.260	228	5277	0.418	ng		100
34) Bis(2-ethylhexyl)phtha...	21.144	149	2793	0.414	ng		100
36) Indeno(1,2,3-cd)pyrene	25.652	276	4638	0.421	ng		100
37) Benzo(b)fluoranthene	22.769	252	4978	0.423	ng		100
38) Benzo(k)fluoranthene	22.813	252	5110	0.430	ng		100
39) Benzo(a)pyrene	23.336	252	4174	0.425	ng		100
40) Dibenzo(a,h)anthracene	25.675	278	3598	0.420	ng		100
41) Benzo(g,h,i)perylene	26.336	276	4053	0.428	ng		100

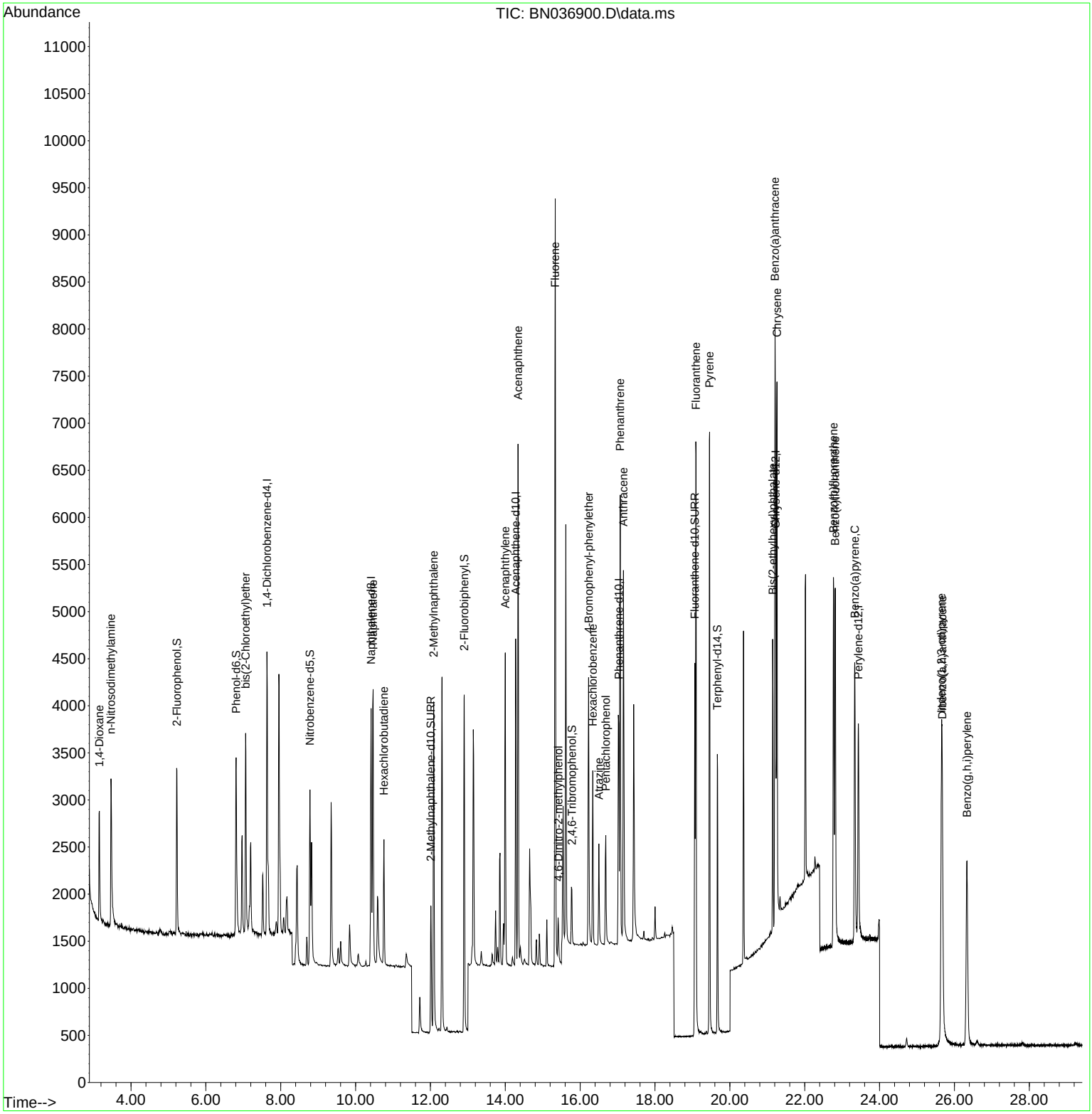
(#) = qualifier out of range (m) = manual integration (+) = signals summed

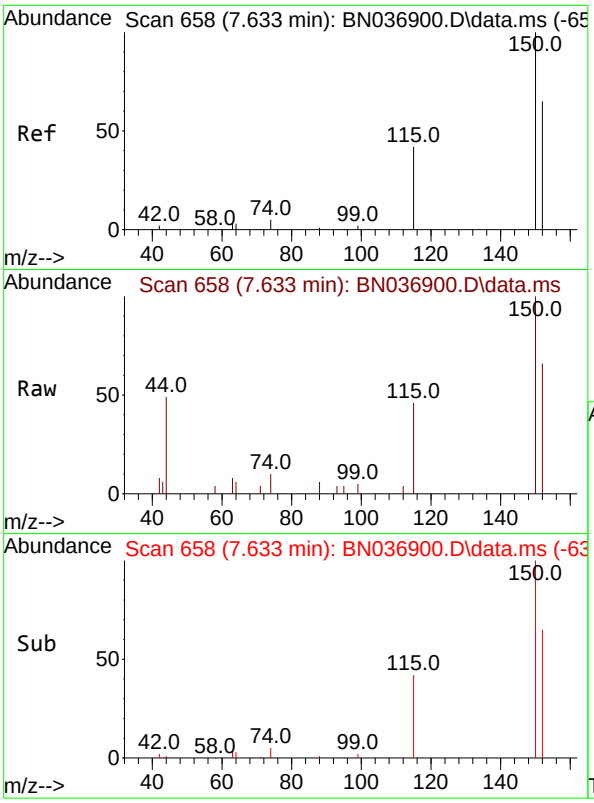
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036900.D
Acq On : 14 Apr 2025 14:38
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Apr 14 17:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:55:35 2025
Response via : Initial Calibration



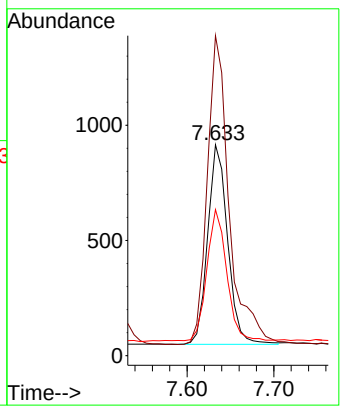


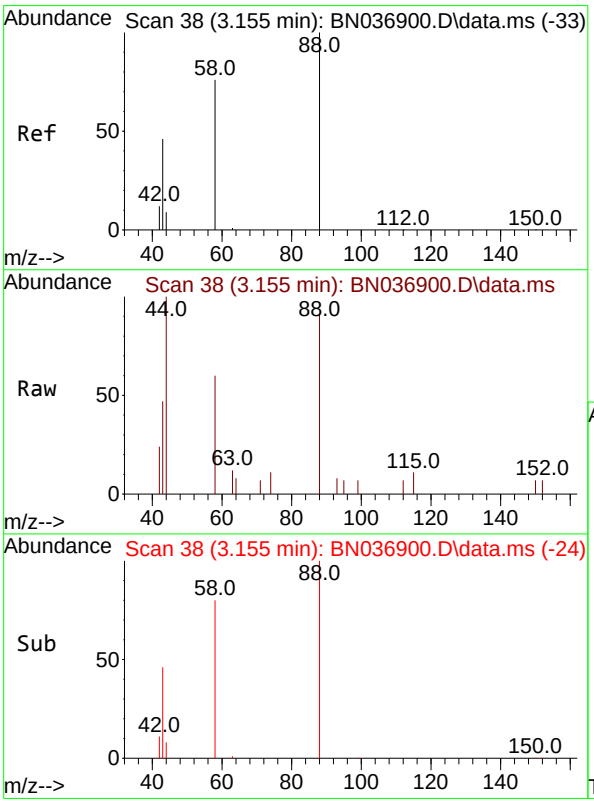
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1387

Ion	Ratio	Lower	Upper
152	100		
150	151.8	121.4	182.2
115	69.3	55.4	83.2

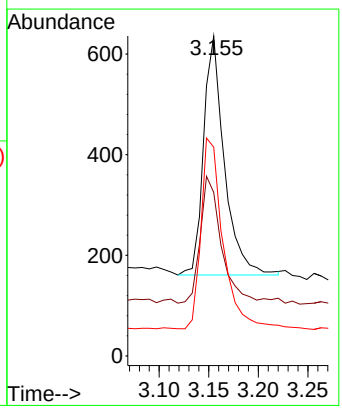


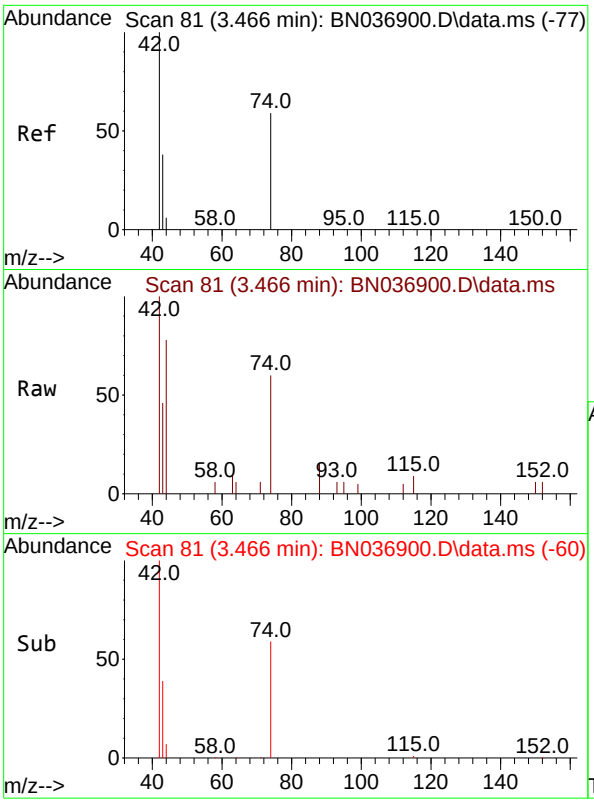


#2
1,4-Dioxane
Concen: 0.437 ng
RT: 3.155 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion: 88 Resp: 693

Ion	Ratio	Lower	Upper
88	100		
43	55.0	44.0	66.0
58	84.7	67.8	101.6



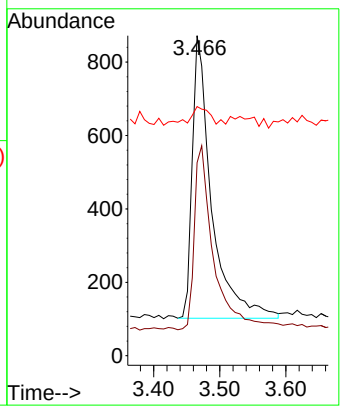


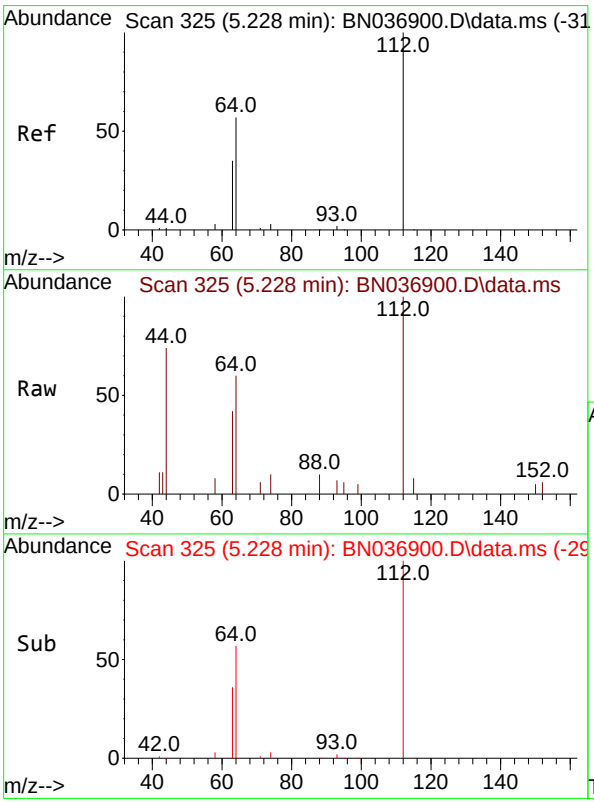
#3
n-Nitrosodimethylamine
Concen: 0.427 ng
RT: 3.466 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1564

Ion	Ratio	Lower	Upper
42	100		
74	65.4	52.3	78.5
44	9.3	7.4	11.2

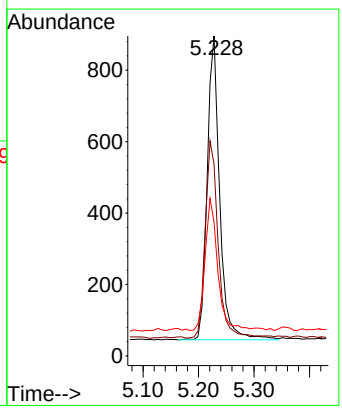


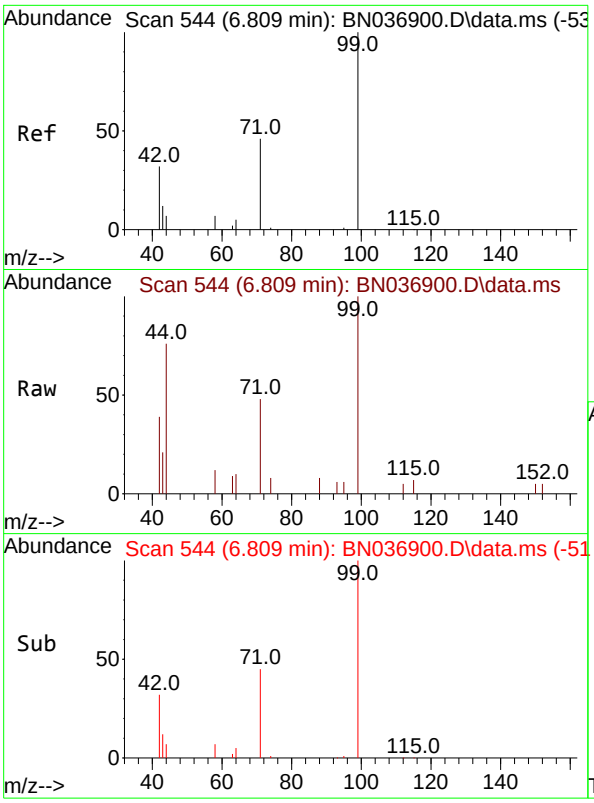


#4
2-Fluorophenol
Concen: 0.407 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:112 Resp: 1334

Ion	Ratio	Lower	Upper
112	100		
64	68.0	54.4	81.6
63	43.9	35.1	52.7



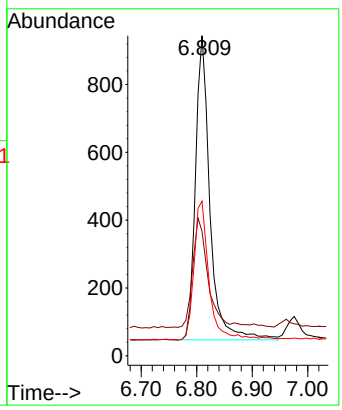


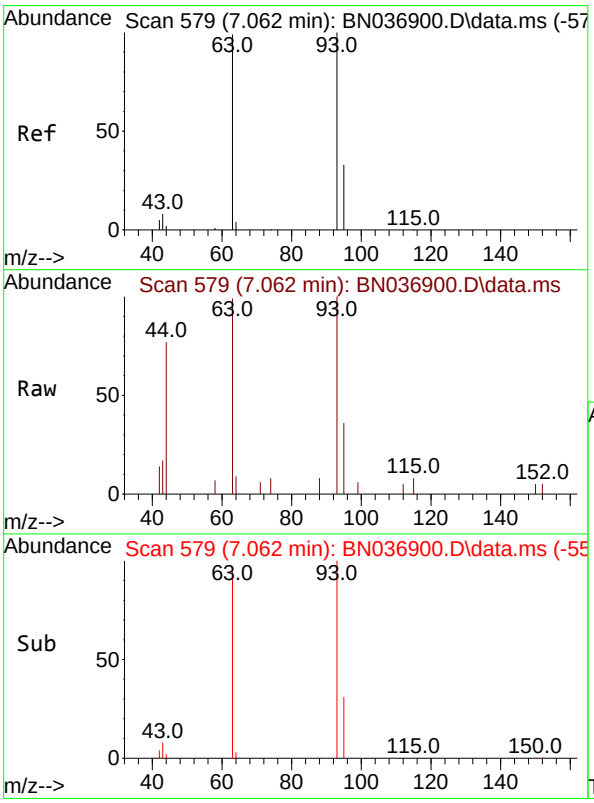
#5
Phenol-d6
Concen: 0.394 ng
RT: 6.809 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 1621

Ion	Ratio	Lower	Upper
99	100		
42	38.2	30.6	45.8
71	47.5	38.0	57.0

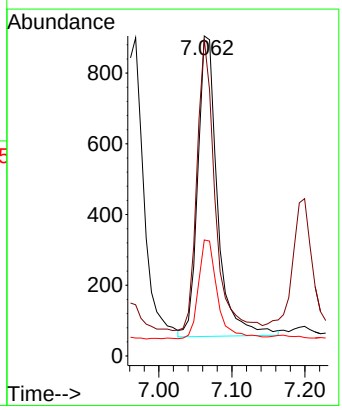


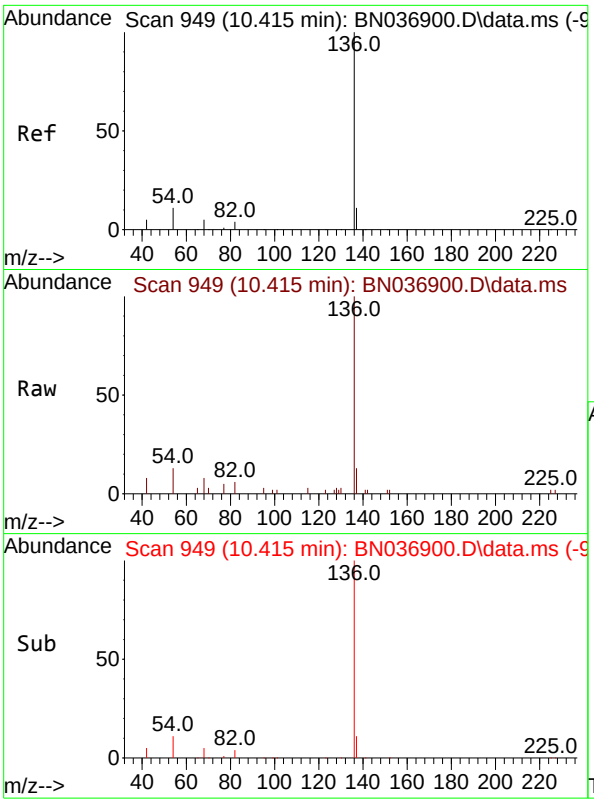


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.062 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion: 93 Resp: 1593

Ion	Ratio	Lower	Upper
93	100		
63	88.4	70.7	106.1
95	31.5	25.2	37.8



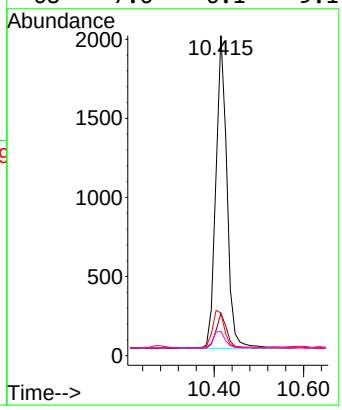


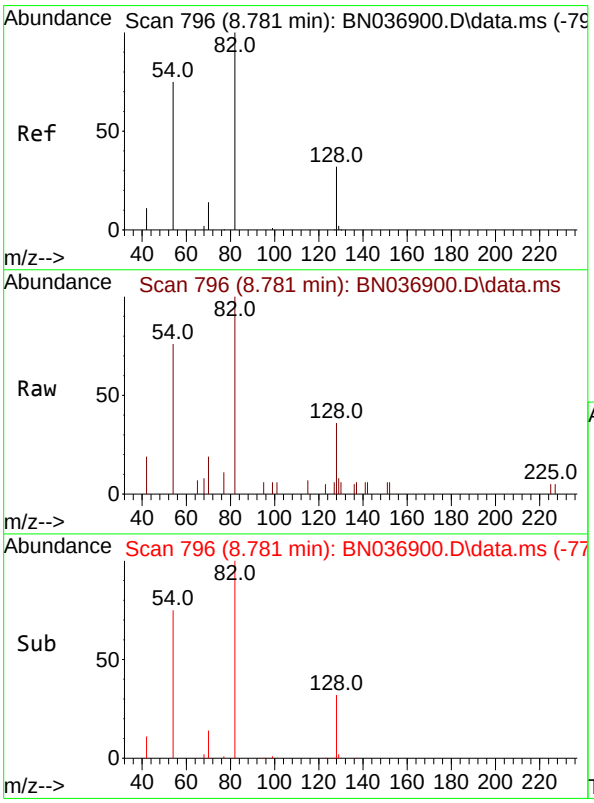
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 3400

Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.6	15.8
54	13.3	10.6	16.0
68	7.6	6.1	9.1

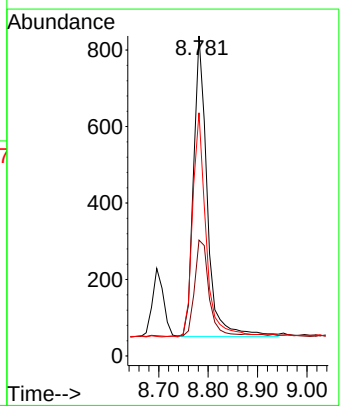


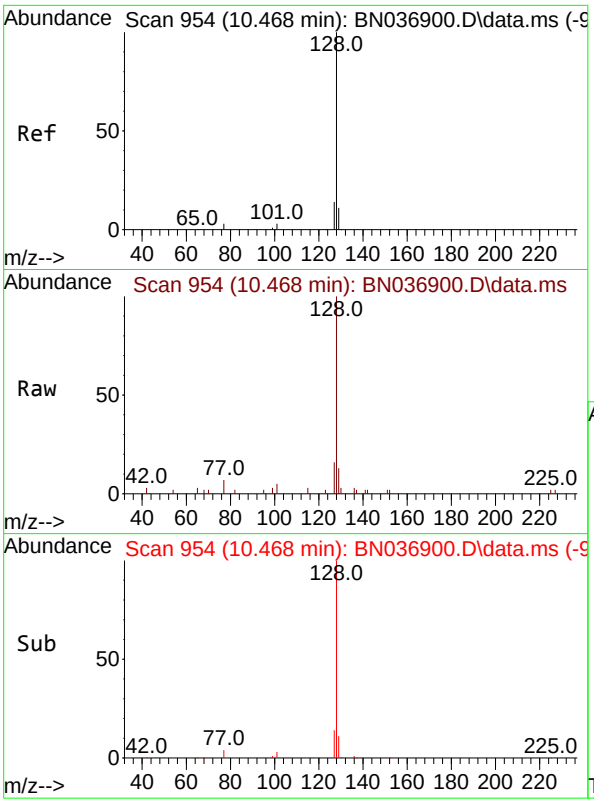


#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 8.781 min Scan# 796
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion: 82 Resp: 1508

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.0	43.4
54	76.0	60.8	91.2



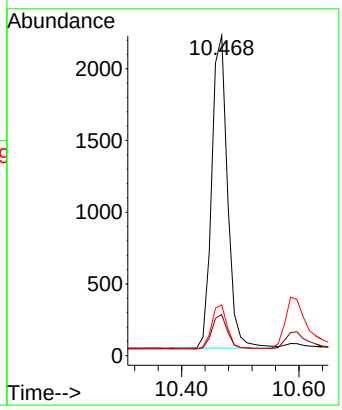


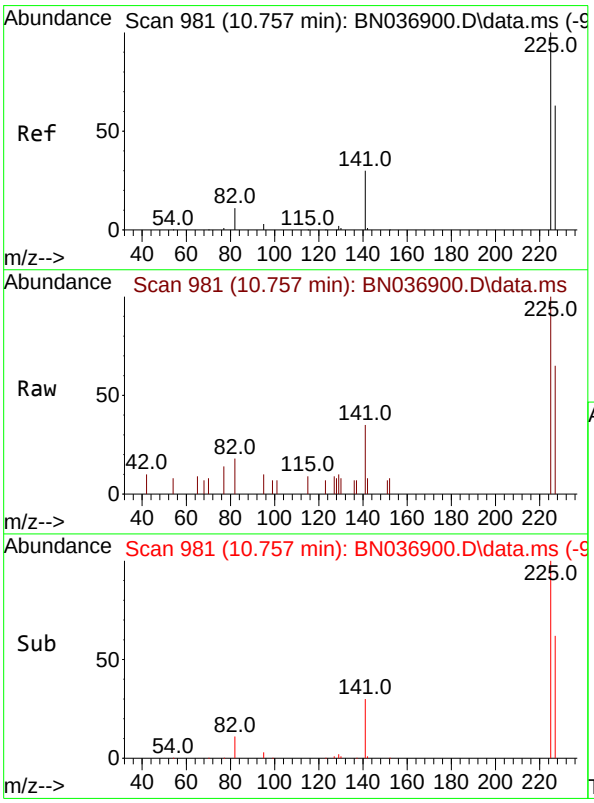
#9
Naphthalene
Concen: 0.412 ng
RT: 10.468 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 4072

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.3	15.5
127	15.9	12.7	19.1

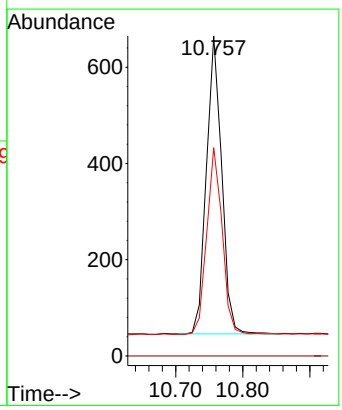


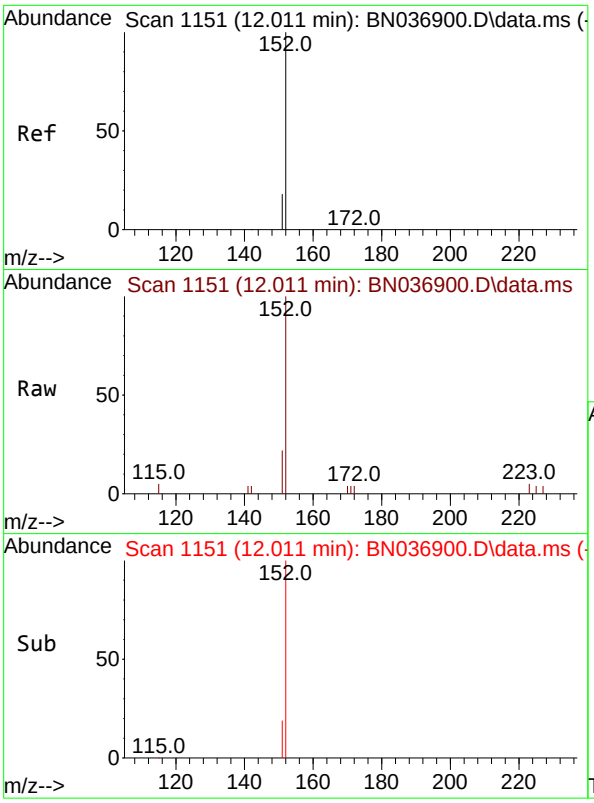


#10
Hexachlorobutadiene
Concen: 0.429 ng
RT: 10.757 min Scan# 981
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:225 Resp: 974

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.4



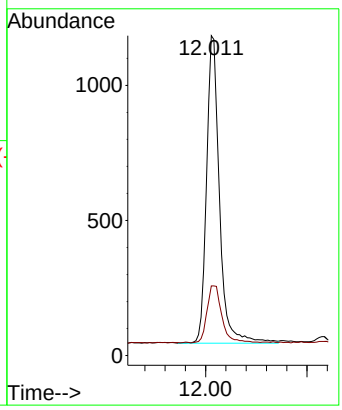


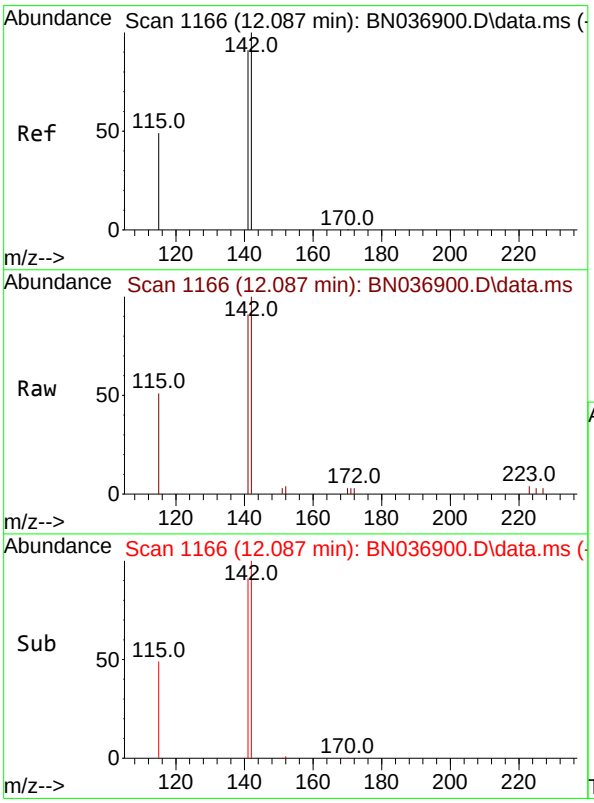
#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 12.011 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2019

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.1	25.7

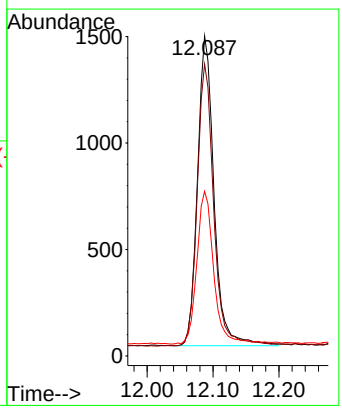


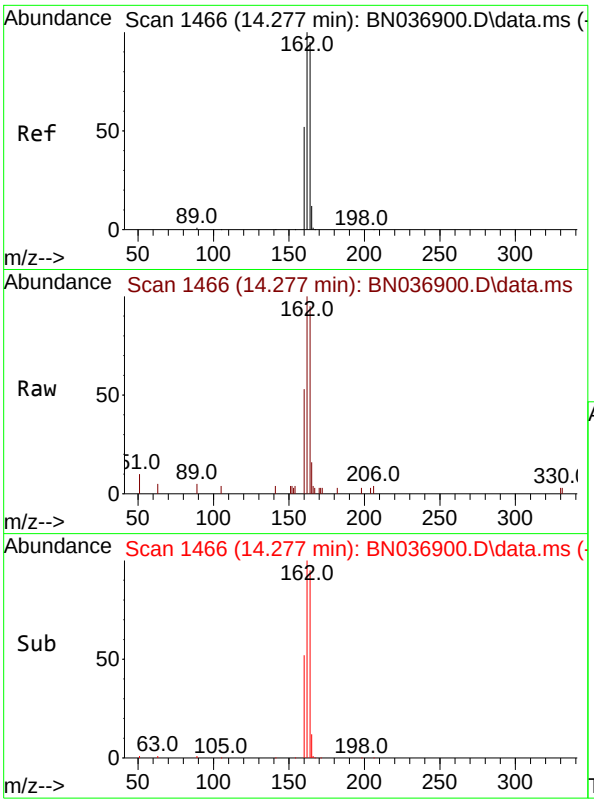


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.087 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:142 Resp: 2544

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4
115	51.4	41.1	61.7



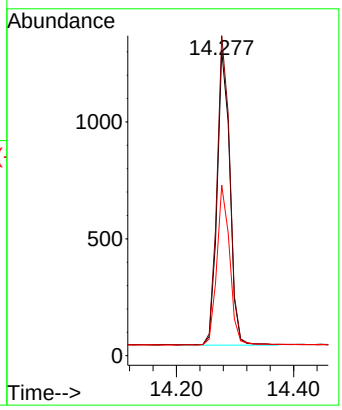


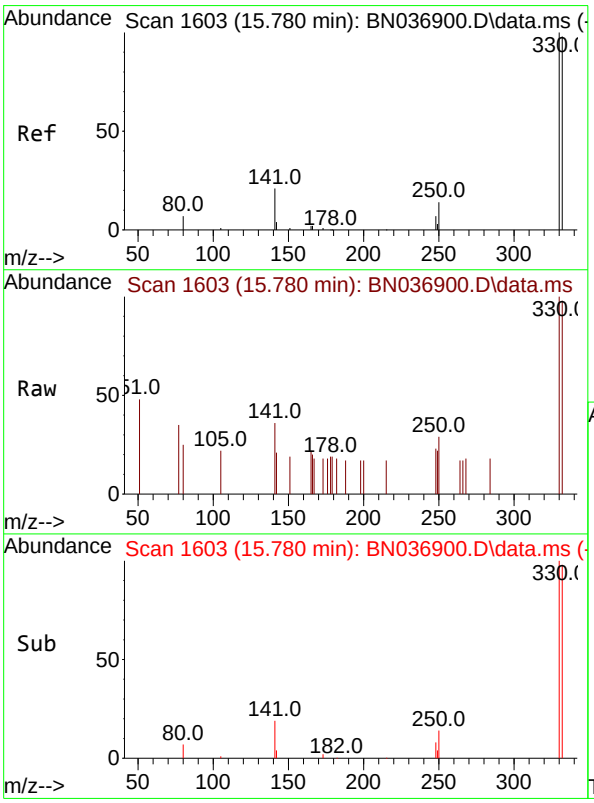
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 1899

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.8	125.8
160	55.9	44.7	67.1

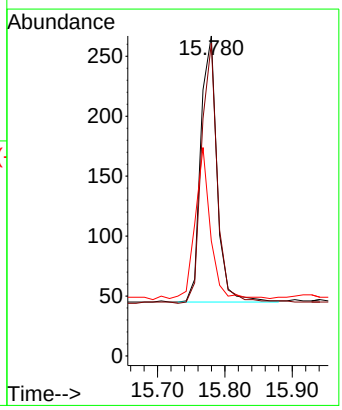


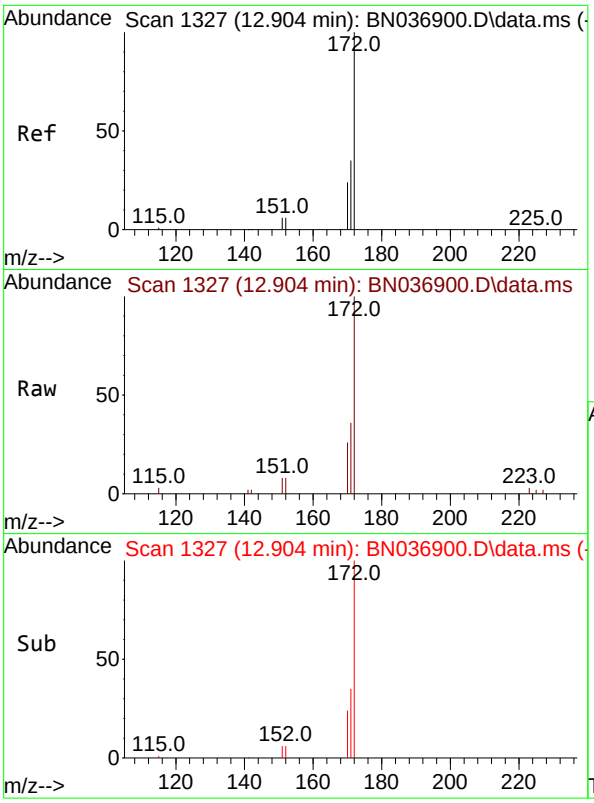


#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 15.780 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:330 Resp: 374

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	55.6	44.5	66.7



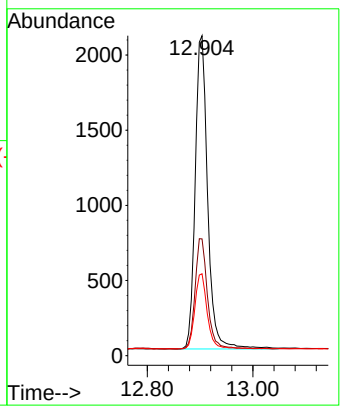


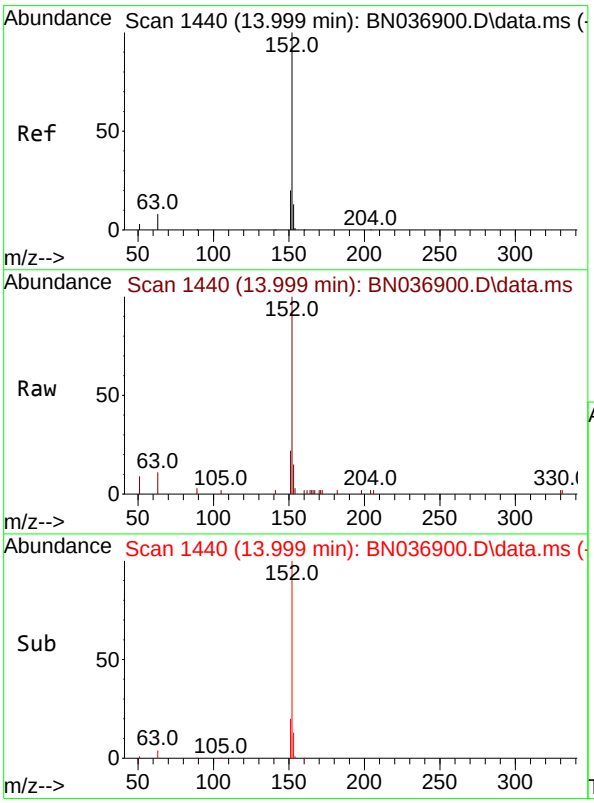
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 3848

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	25.6	20.5	30.7

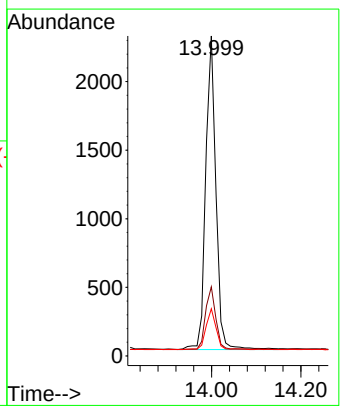


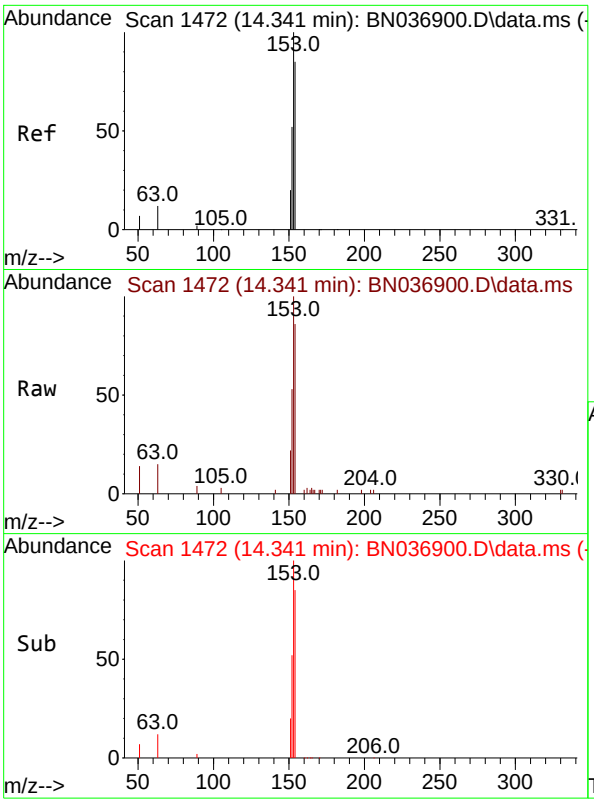


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.999 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:152 Resp: 3612

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.8	10.2	15.4



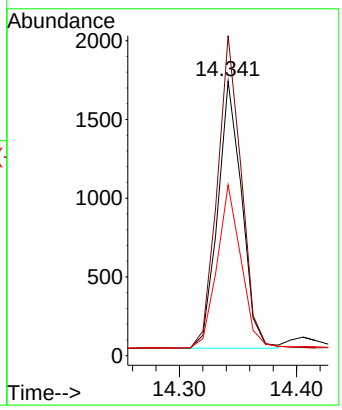


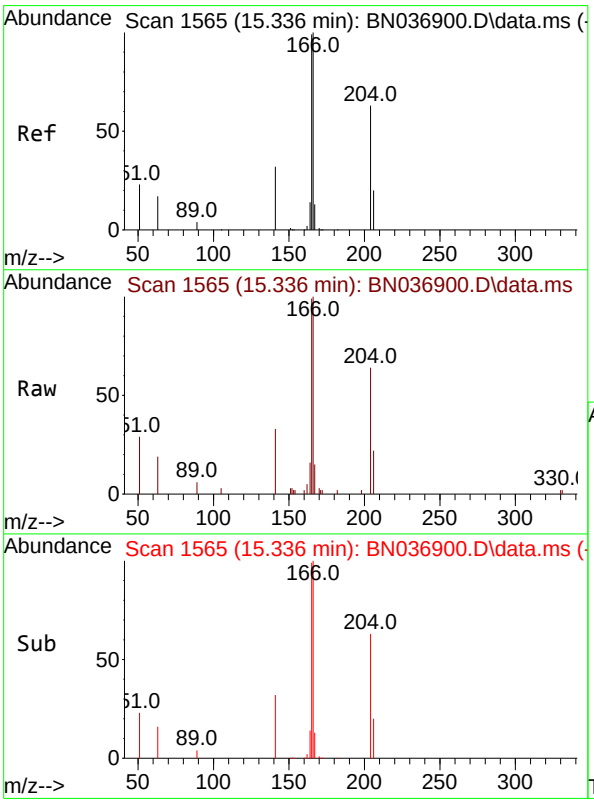
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.341 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 2417

Ion	Ratio	Lower	Upper
154	100		
153	118.4	94.7	142.1
152	61.8	49.4	74.2

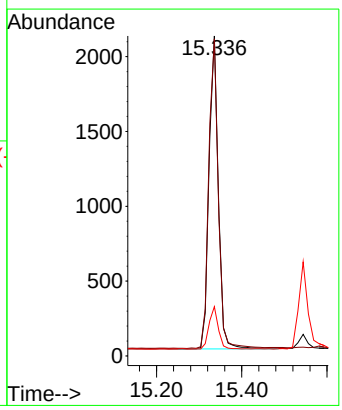


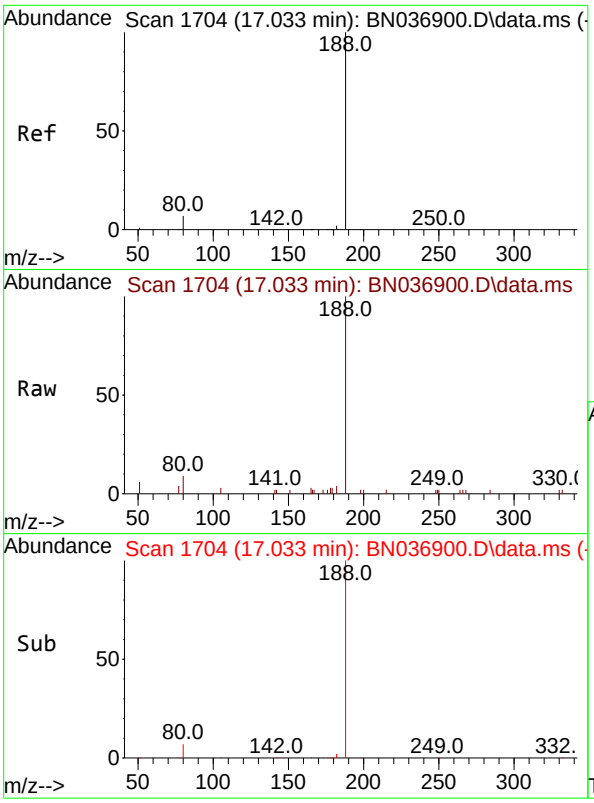


#18
Fluorene
Concen: 0.405 ng
RT: 15.336 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:166 Resp: 3173

Ion	Ratio	Lower	Upper
166	100		
165	101.1	80.9	121.3
167	13.6	10.9	16.3



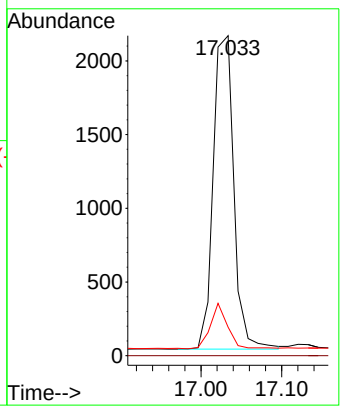


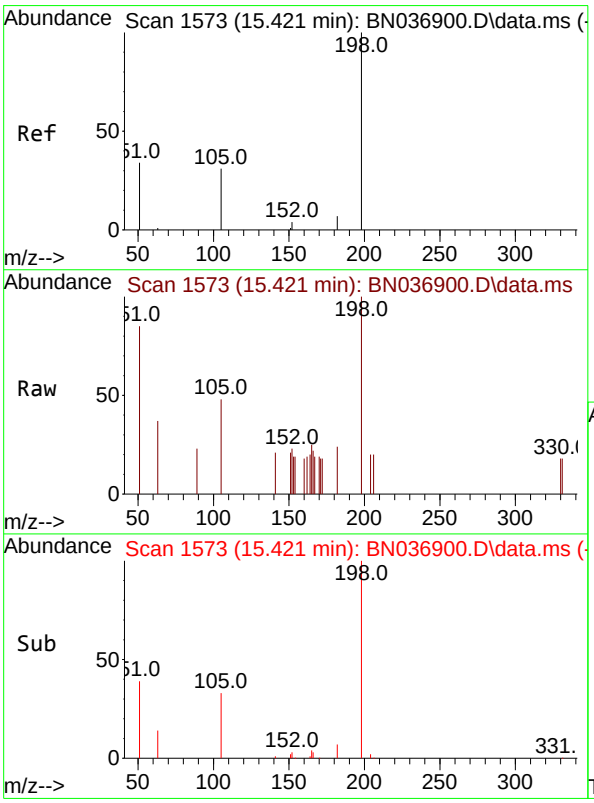
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 3763

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.1	10.7

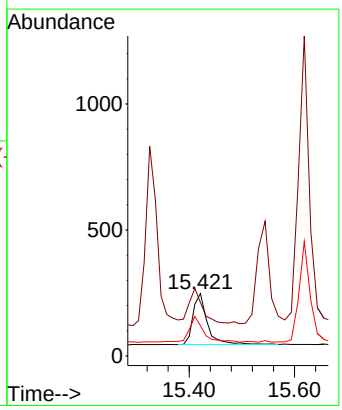


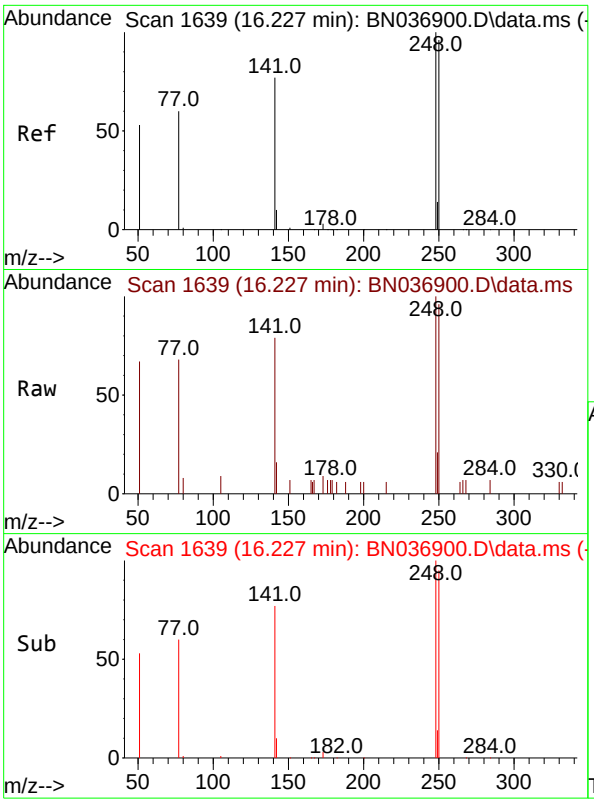


#20
4,6-Dinitro-2-methylphenol
Concen: 0.411 ng
RT: 15.421 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:198 Resp: 406

Ion	Ratio	Lower	Upper
198	100		
51	85.5	68.4	102.6
105	48.4	38.7	58.1



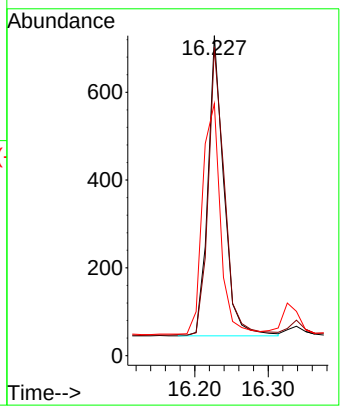


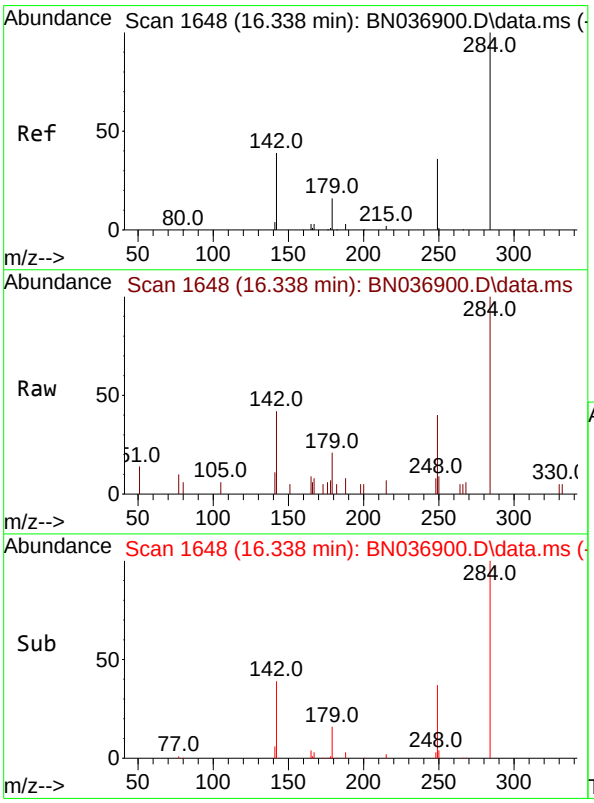
#21
4-Bromophenyl-phenylether
Concen: 0.432 ng
RT: 16.227 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 1031

Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.0	115.6
141	78.7	63.0	94.4

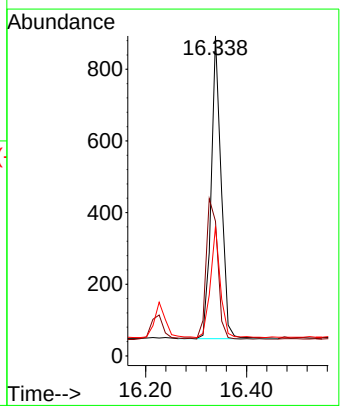


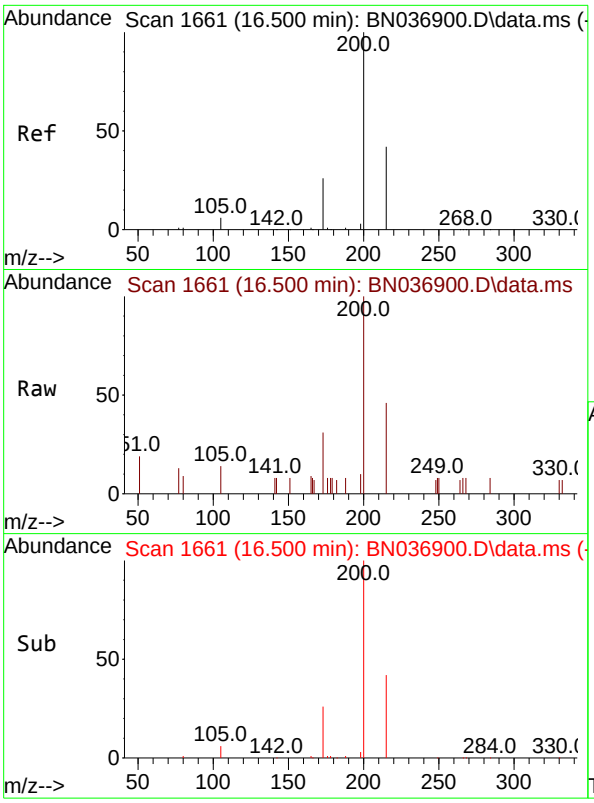


#22
Hexachlorobenzene
Concen: 0.436 ng
RT: 16.338 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:284 Resp: 1166

Ion	Ratio	Lower	Upper
284	100		
142	53.3	42.6	64.0
249	36.4	29.1	43.7



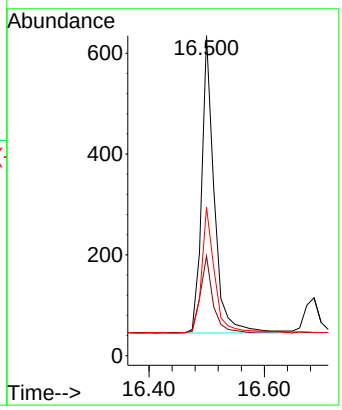


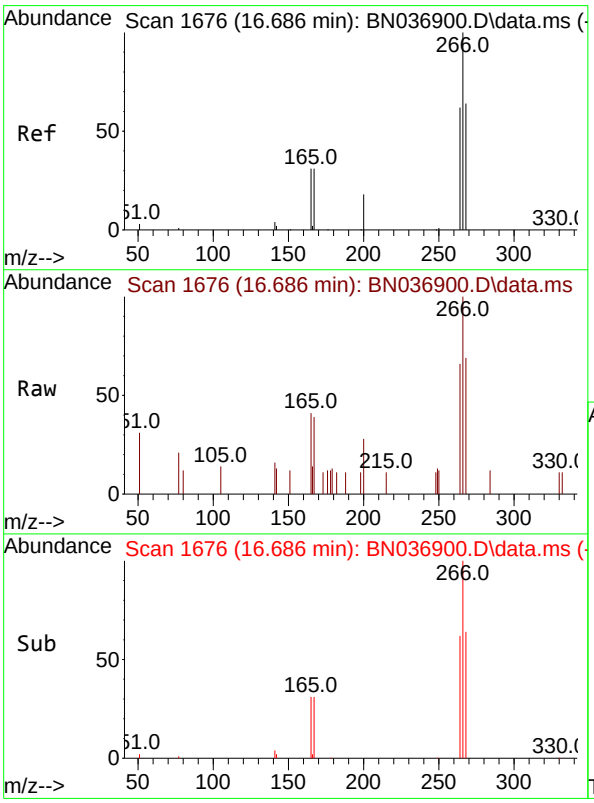
#23
Atrazine
Concen: 0.451 ng
RT: 16.500 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 894

Ion	Ratio	Lower	Upper
200	100		
173	31.2	25.0	37.4
215	46.5	37.2	55.8

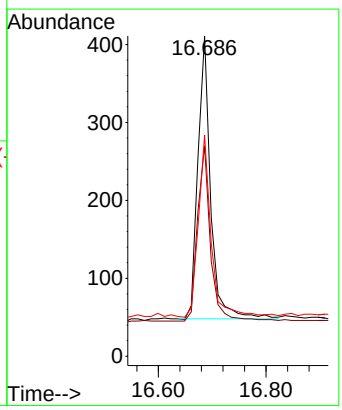


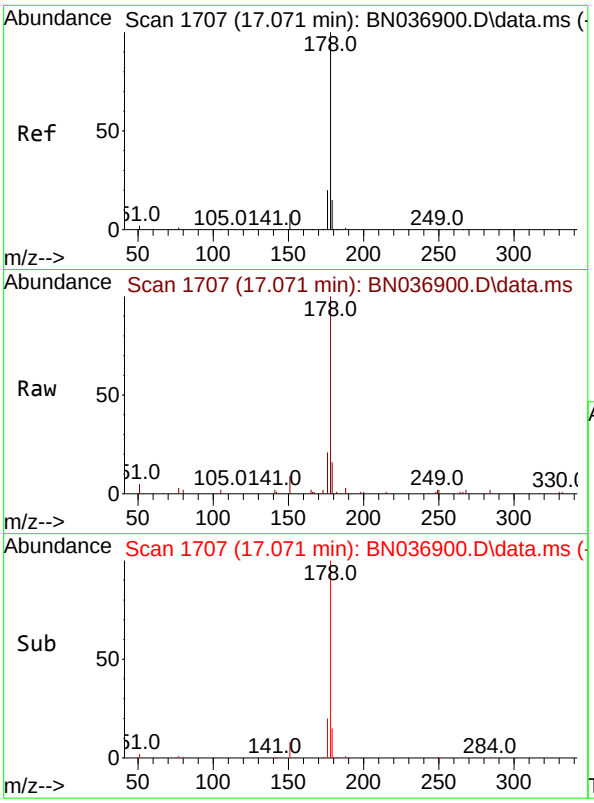


#24
Pentachlorophenol
Concen: 0.420 ng
RT: 16.686 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:266 Resp: 600

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.4	75.6
268	63.3	50.6	76.0



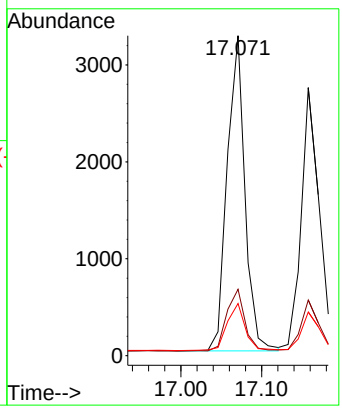


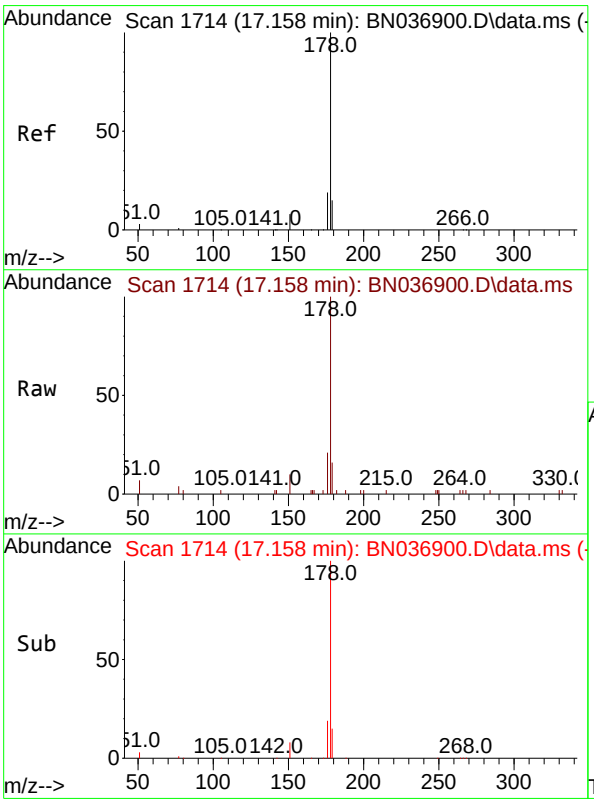
#25
Phenanthrene
Concen: 0.430 ng
RT: 17.071 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 4960

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.2
179	15.3	12.2	18.4

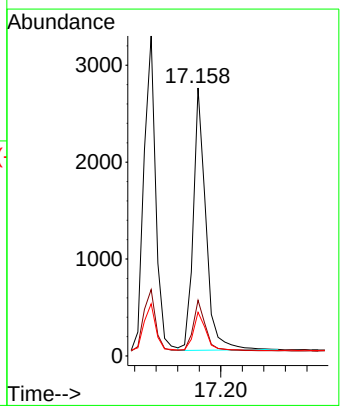


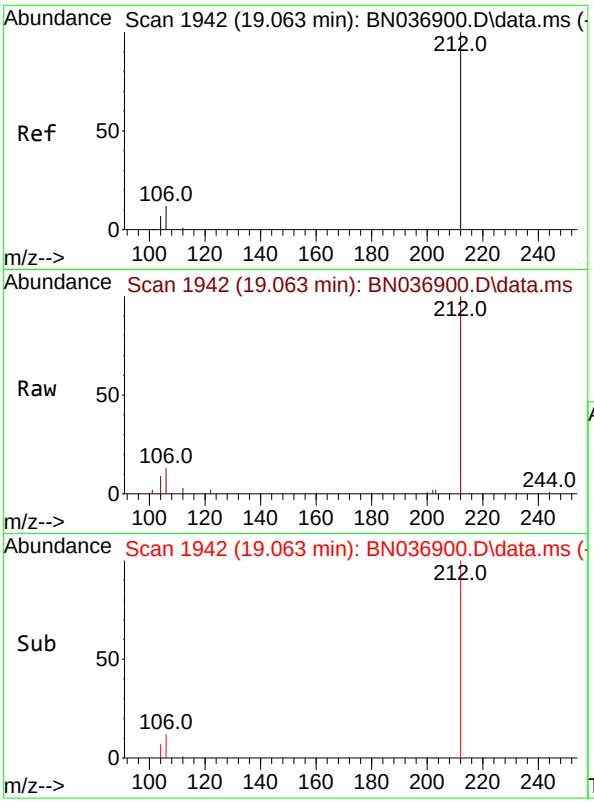


#26
Anthracene
Concen: 0.423 ng
RT: 17.158 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:178 Resp: 4394

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.1	12.1	18.1



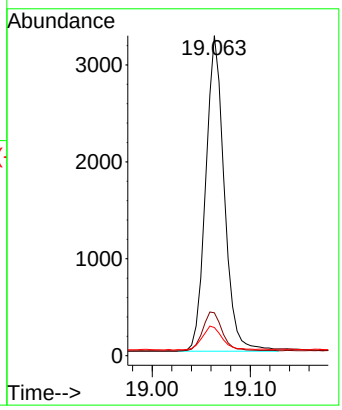


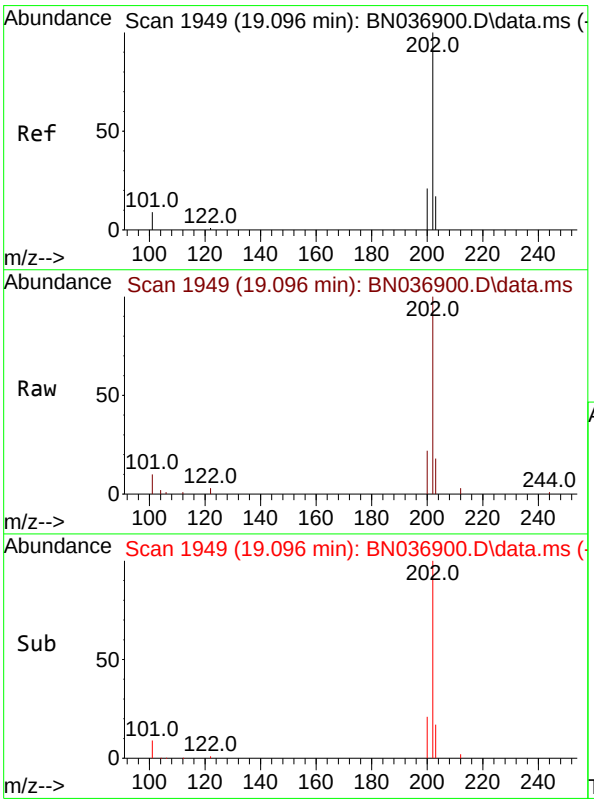
#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 4276

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	15.8
104	8.3	6.6	10.0

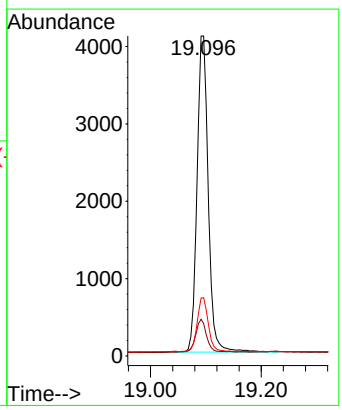


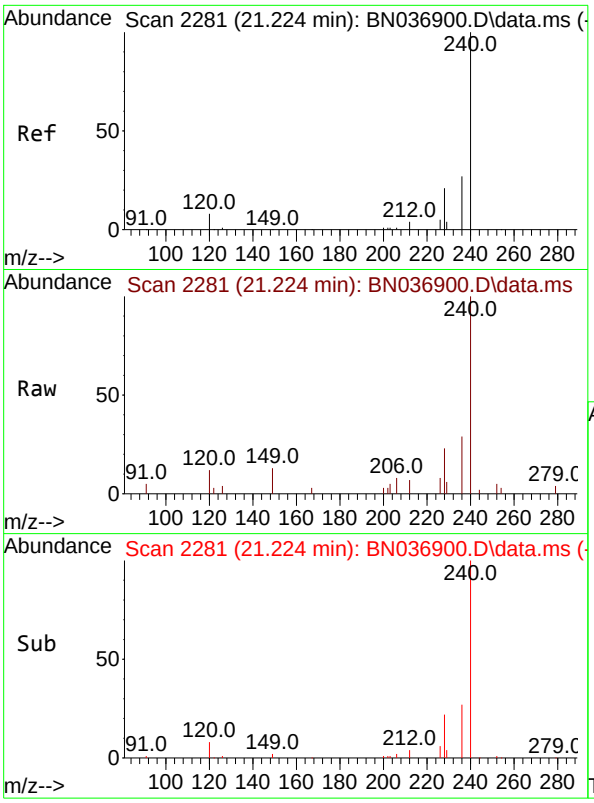


#28
Fluoranthene
Concen: 0.426 ng
RT: 19.096 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:202 Resp: 5775

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.4
203	17.0	13.6	20.4



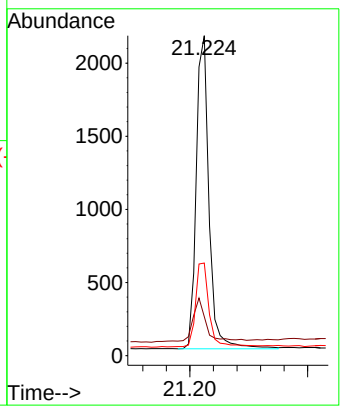


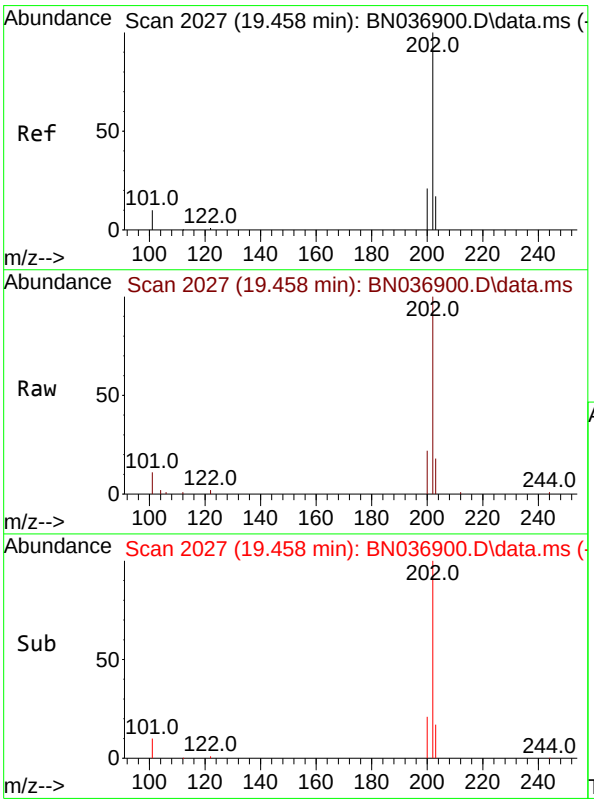
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.224 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 3219

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.8	14.6
236	28.9	23.1	34.7

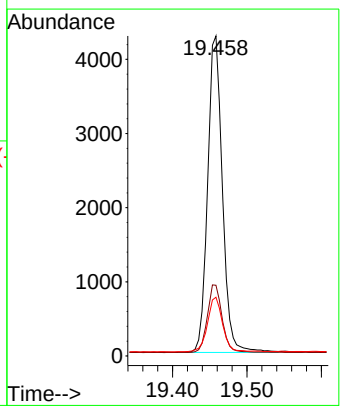


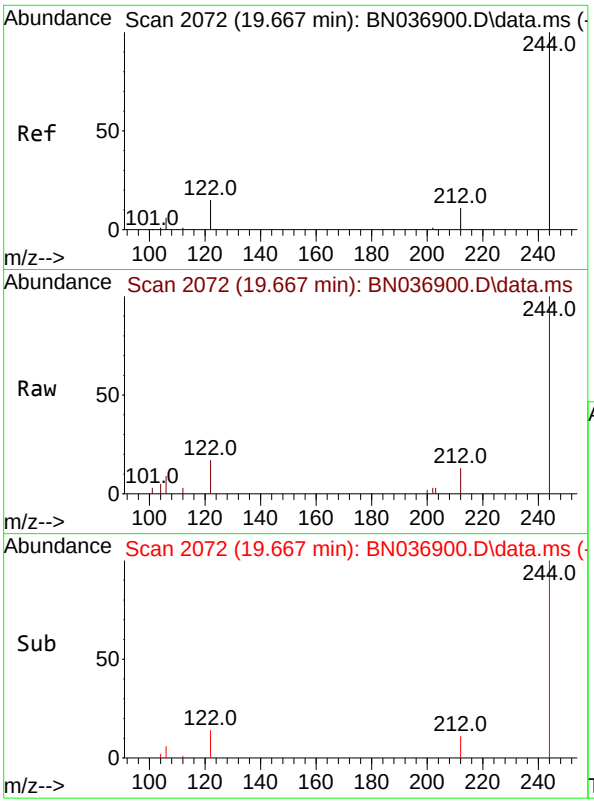


#30
Pyrene
Concen: 0.406 ng
RT: 19.458 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:202 Resp: 5880

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.6	14.1	21.1



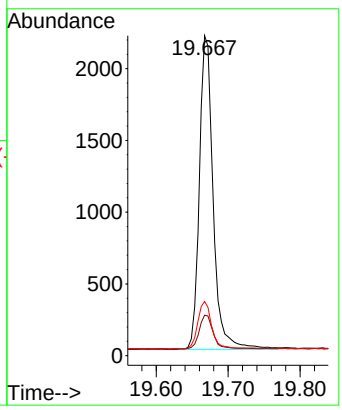


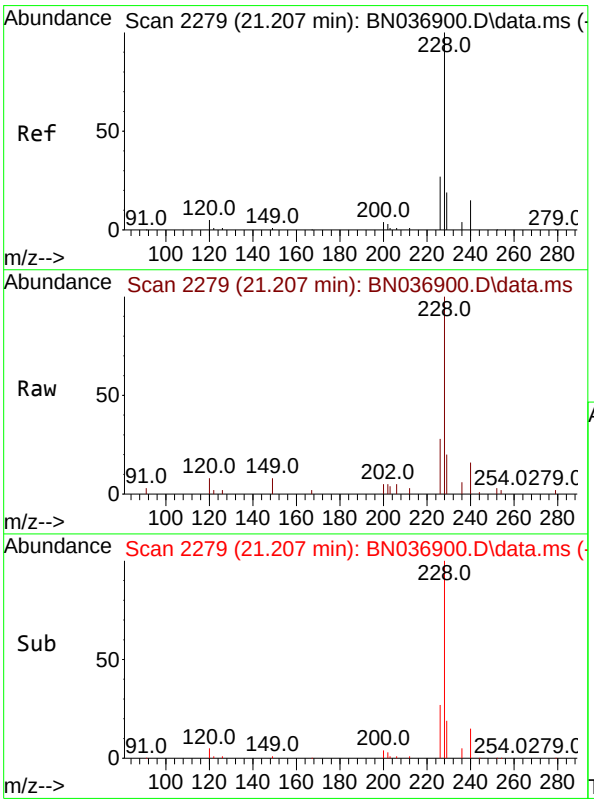
#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.667 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 2909

Ion	Ratio	Lower	Upper
244	100		
212	12.6	10.1	15.1
122	17.0	13.6	20.4

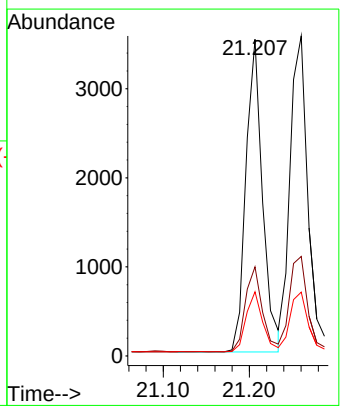


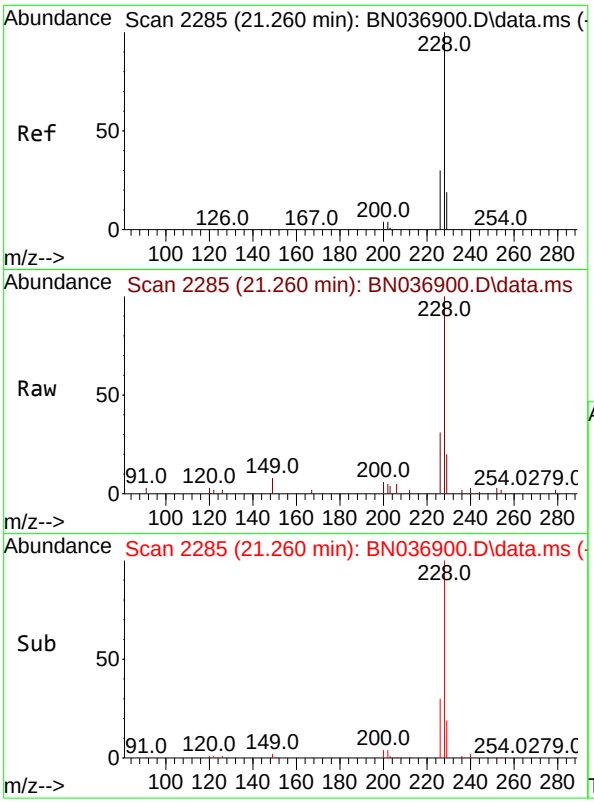


#32
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:228 Resp: 4716

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.3	16.2	24.4



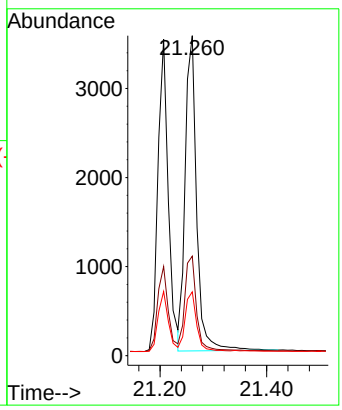


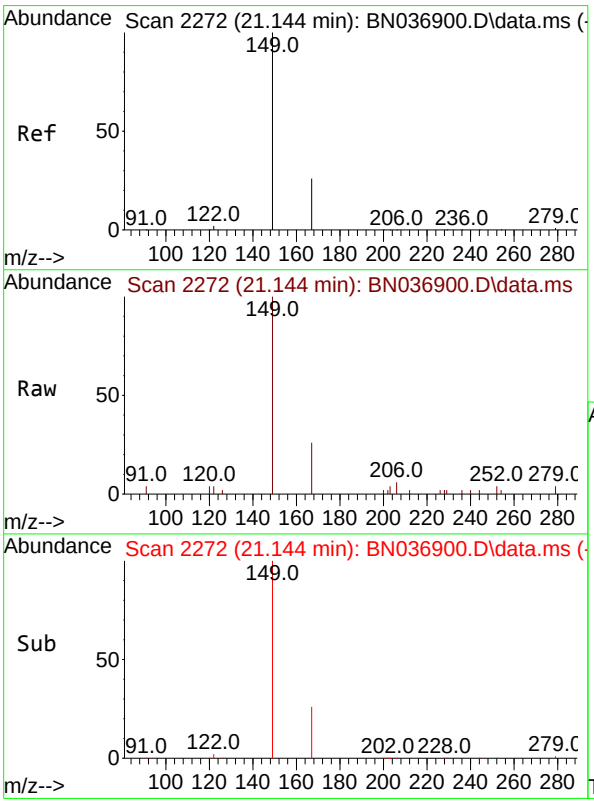
#33
Chrysene
Concen: 0.418 ng
RT: 21.260 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 5277

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.9	15.9	23.9

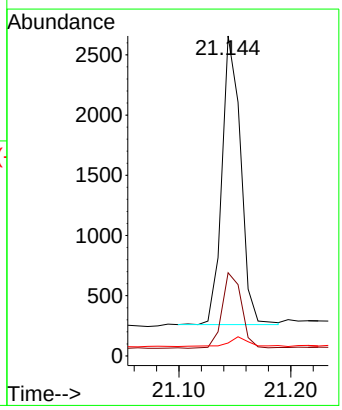


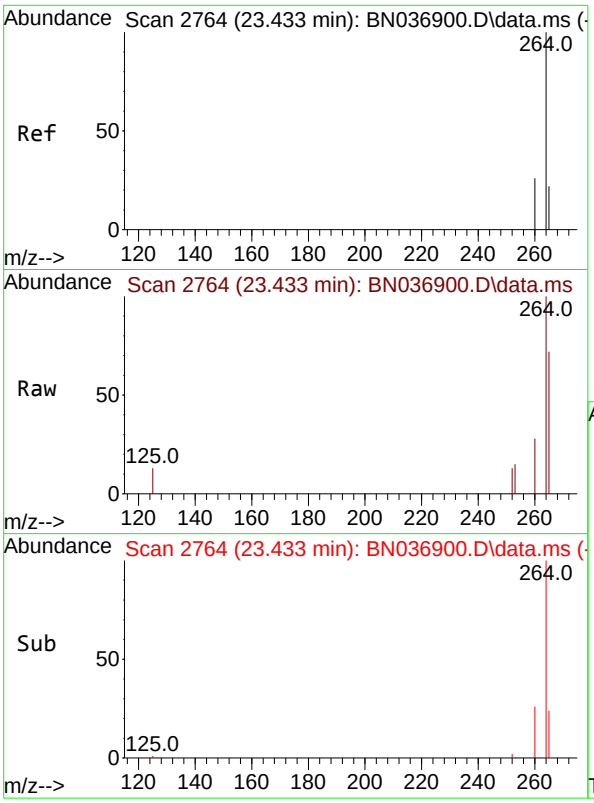


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.414 ng
RT: 21.144 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:149 Resp: 2793

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.7	32.5
279	3.7	3.0	4.4



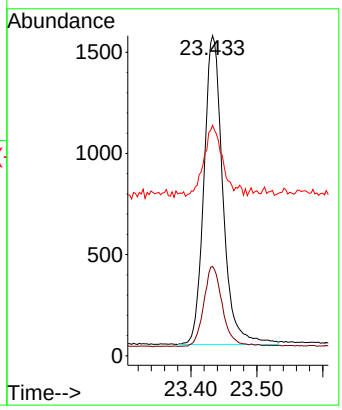


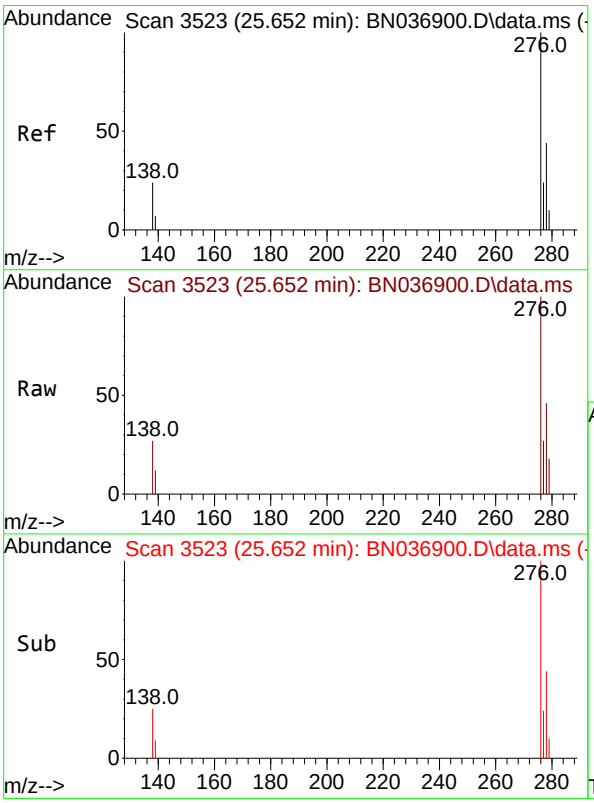
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.433 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 3042

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.3	33.5
265	72.0	57.6	86.4

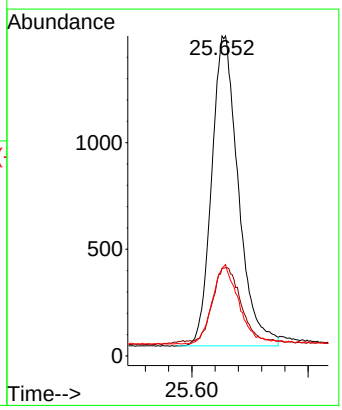


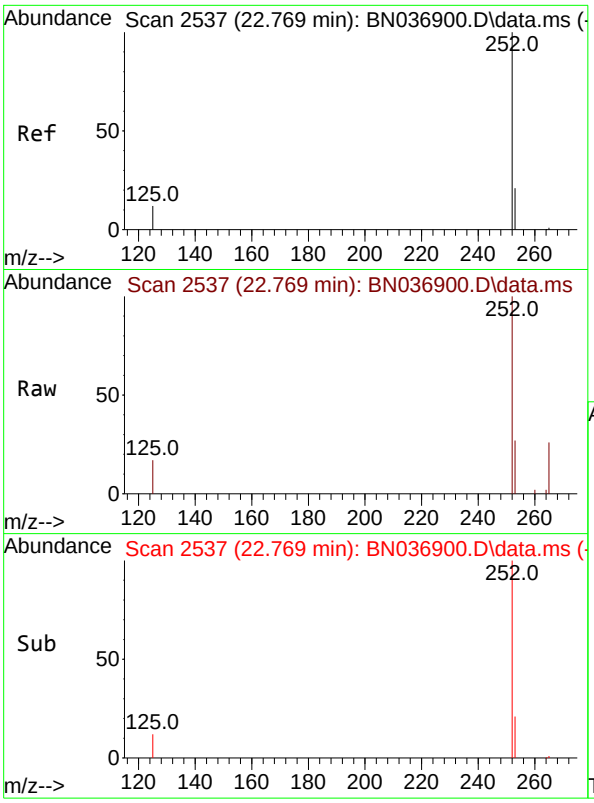


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 25.652 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:276 Resp: 4638

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.3	30.5
277	25.4	20.3	30.5



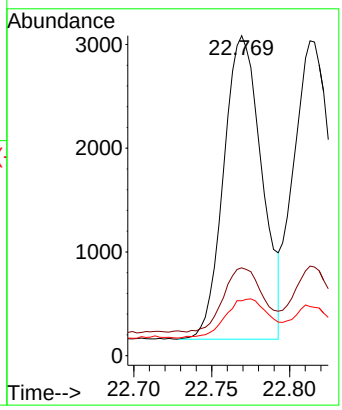


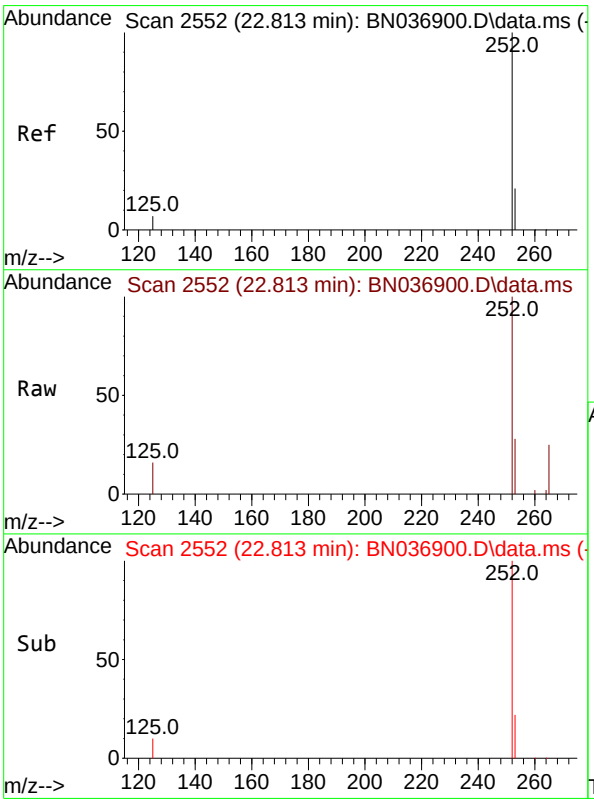
#37
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 22.769 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 4978

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.0	33.0
125	17.1	13.7	20.5

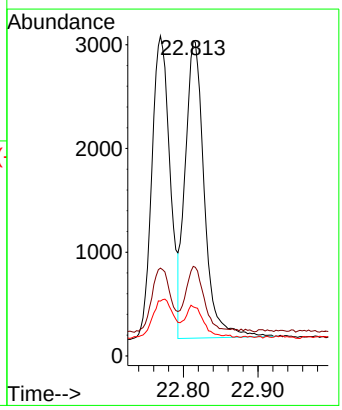


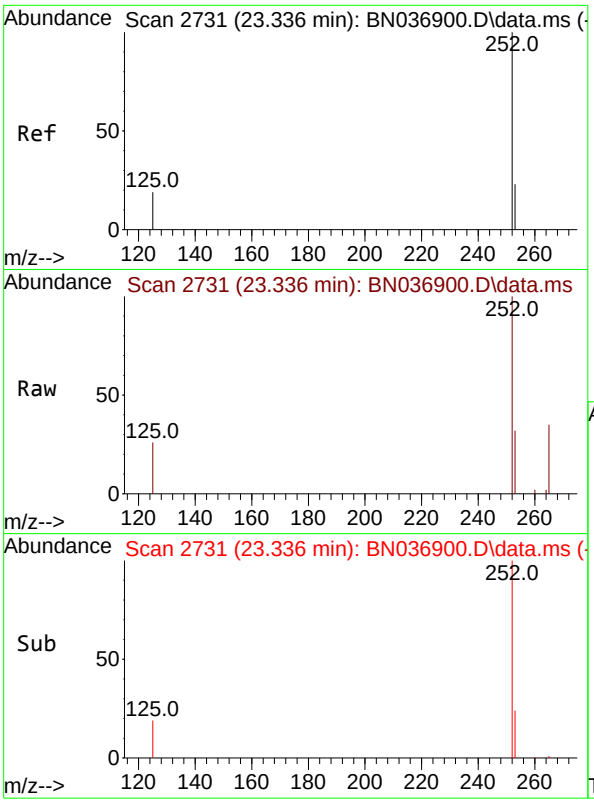


#38
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 22.813 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:252 Resp: 5110

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.7	34.1
125	15.6	12.5	18.7



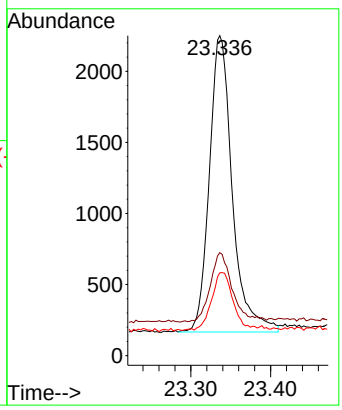


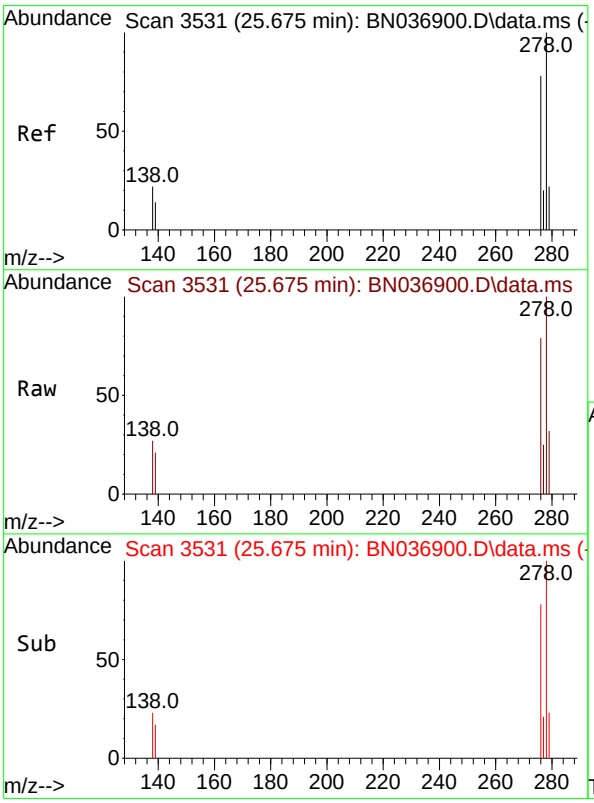
#39
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.336 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 4174

Ion	Ratio	Lower	Upper
252	100		
253	32.2	25.8	38.6
125	25.9	20.7	31.1

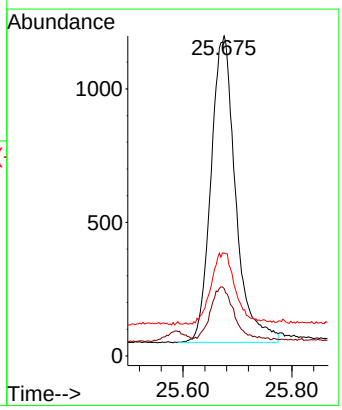


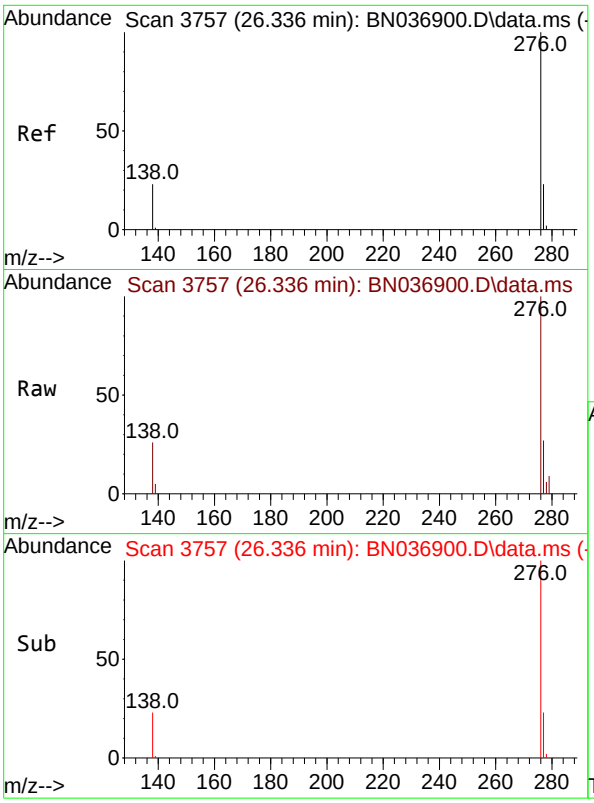


#40
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 25.675 min Scan# 3531
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Tgt Ion:278 Resp: 3598

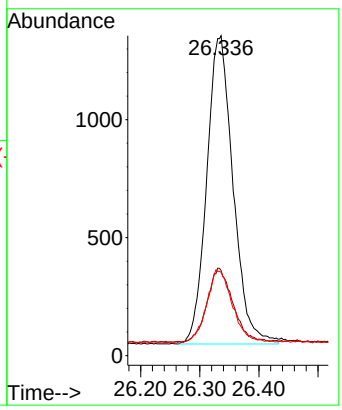
Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.9	25.3
279	32.1	25.7	38.5





#41
Benzo(g,h,i)perylene
Concen: 0.428 ng
RT: 26.336 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036900.D
Acq: 14 Apr 2025 14:38

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 4053

Ion	Ratio	Lower	Upper
276	100		
277	26.6	21.3	31.9
138	26.0	20.8	31.2