Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120822\
Data File : BN023095.D
Acq On : 08 Dec 2022 15:13
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 09 07:28:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:25:53 2022
Response via : Initial Calibration

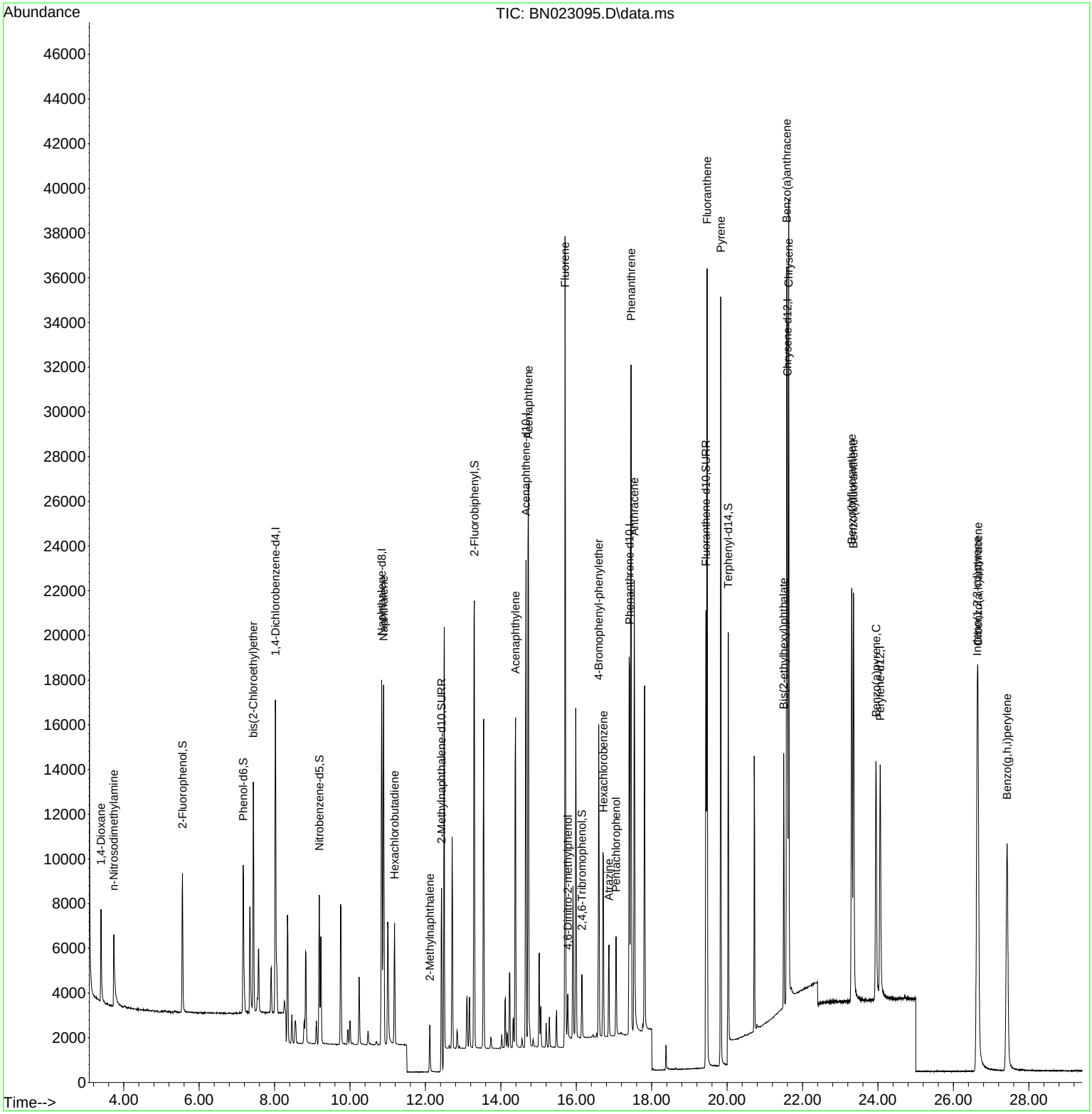
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	6900	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	20701	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	11453	0.400	ng		0.00
19) Phenanthrene-d10	17.414	188	25275	0.400	ng		0.00
29) Chrysene-d12	21.598	240	20569	0.400	ng		0.00
35) Perylene-d12	24.059	264	15521	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	5158	0.323	ng		0.00
5) Phenol-d6	7.168	99	6316	0.315	ng		0.00
8) Nitrobenzene-d5	9.185	82	5132	0.330	ng		0.00
11) 2-Methylnaphthalene-d10	12.427	152	13294	0.340	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1509	0.312	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	18409	0.362	ng		0.00
27) Fluoranthene-d10	19.439	212	22299	0.322	ng		0.00
31) Terphenyl-d14	20.031	244	14076	0.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	2794	0.327	ng		100
3) n-Nitrosodimethylamine	3.738	42	2572	0.307	ng		100
6) bis(2-Chloroethyl)ether	7.435	93	7602	0.343	ng		100
9) Naphthalene	10.893	128	20658	0.336	ng		100
10) Hexachlorobutadiene	11.181	225	4047	0.351	ng	#	100
12) 2-Methylnaphthalene	12.117	142	3041	0.324	ng		100
16) Acenaphthylene	14.388	152	16880	0.314	ng		100
17) Acenaphthene	14.730	154	13187	0.336	ng		100
18) Fluorene	15.703	166	14809	0.337	ng		100
20) 4,6-Dinitro-2-methylph...	15.776	198	1159	0.339	ng		100
21) 4-Bromophenyl-phenylether	16.595	248	5161	0.339	ng		100
22) Hexachlorobenzene	16.719	284	7088	0.358	ng		100
23) Atrazine	16.868	200	3382	0.305	ng		100
24) Pentachlorophenol	17.054	266	2029	0.349	ng		100
25) Phenanthrene	17.452	178	28996	0.340	ng		100
26) Anthracene	17.538	178	21713	0.316	ng		100
28) Fluoranthene	19.469	202	30350	0.327	ng		100
30) Pyrene	19.831	202	29786	0.347	ng		100
32) Benzo(a)anthracene	21.580	228	24652	0.325	ng		100
33) Chrysene	21.634	228	29670	0.350	ng		100
34) Bis(2-ethylhexyl)phtha...	21.500	149	10060	0.307	ng		100
36) Indeno(1,2,3-cd)pyrene	26.632	276	26282	0.319	ng		100
37) Benzo(b)fluoranthene	23.305	252	24739	0.349	ng		100
38) Benzo(k)fluoranthene	23.351	252	24998	0.344	ng		100
39) Benzo(a)pyrene	23.948	252	17239	0.300	ng		100
40) Dibenzo(a,h)anthracene	26.652	278	21269	0.326	ng		100
41) Benzo(g,h,i)perylene	27.424	276	23466	0.351	ng		100

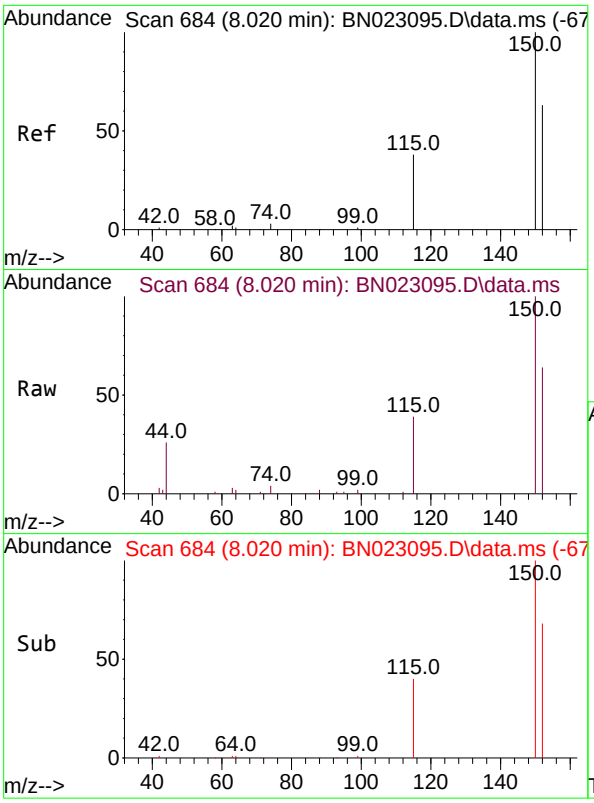
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120822\
Data File : BN023095.D
Acq On : 08 Dec 2022 15:13
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 09 07:28:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:25:53 2022
Response via : Initial Calibration



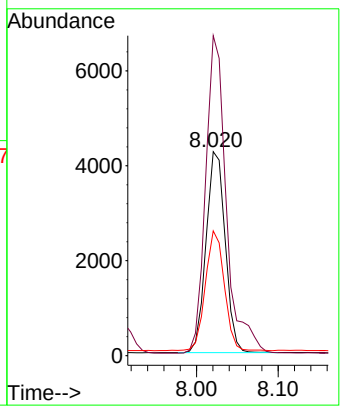


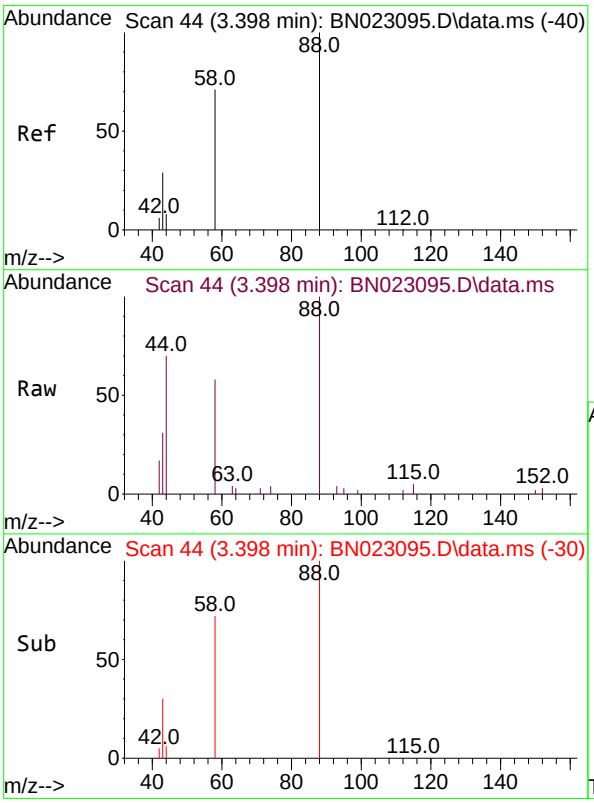
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 68
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 6900

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.6	188.4
115	61.2	49.0	73.4

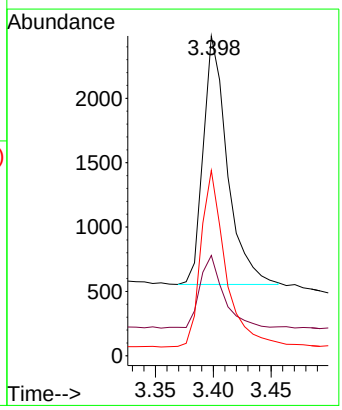


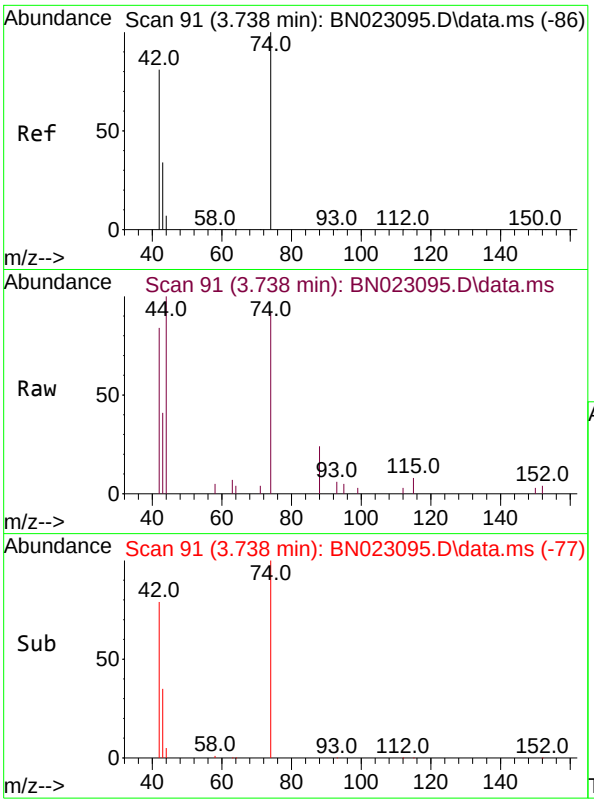


#2
1,4-Dioxane
Concen: 0.327 ng
RT: 3.398 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion: 88 Resp: 2794

Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.3	34.9
58	72.9	58.0	87.0



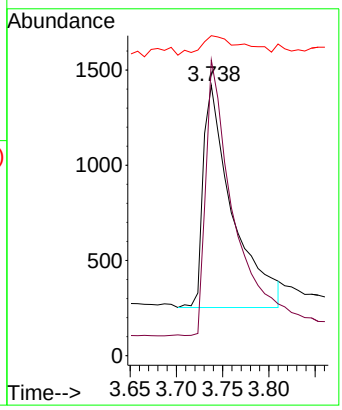


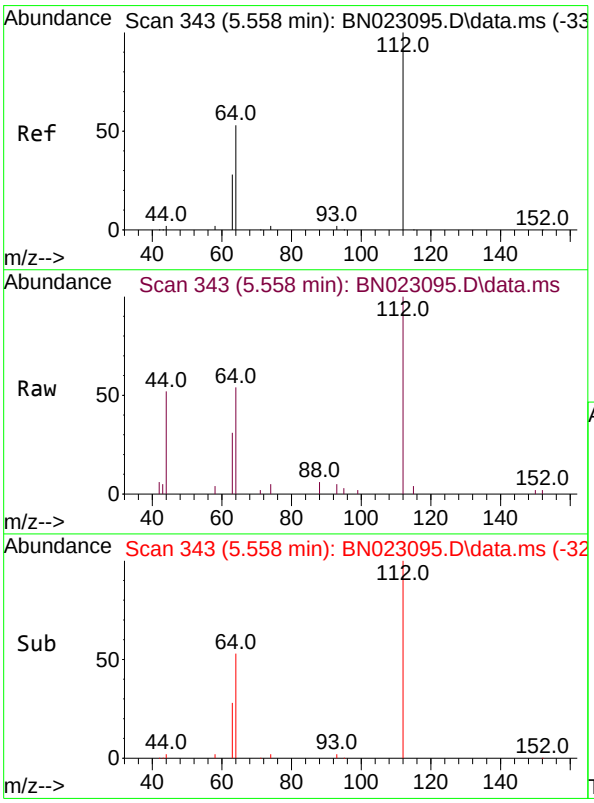
#3
n-Nitrosodimethylamine
Concen: 0.307 ng
RT: 3.738 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 2572

Ion	Ratio	Lower	Upper
42	100		
74	119.8	95.8	143.6
44	10.3	8.4	12.6

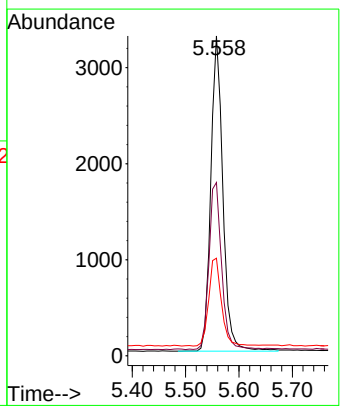


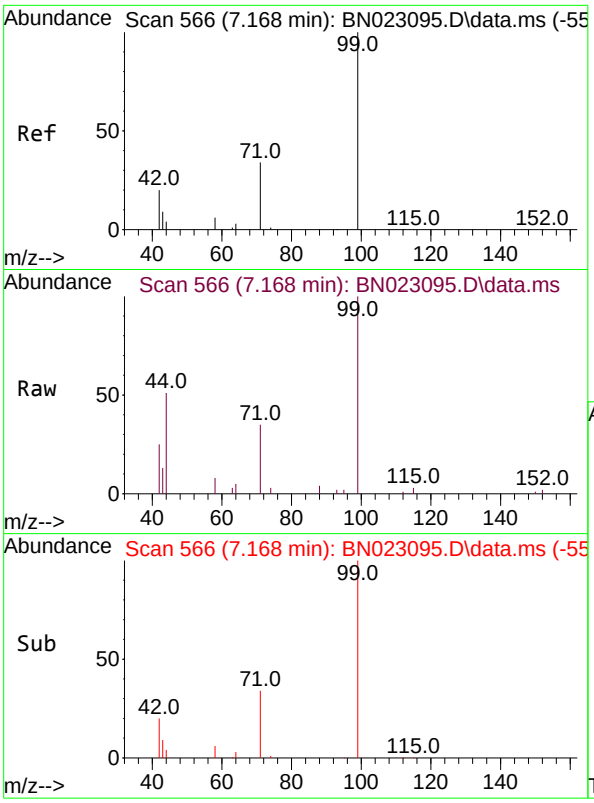


#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:112 Resp: 5158

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.4	66.6
63	29.6	23.7	35.5



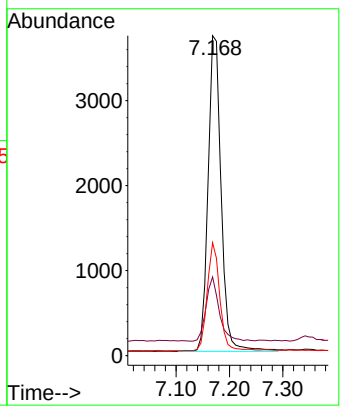


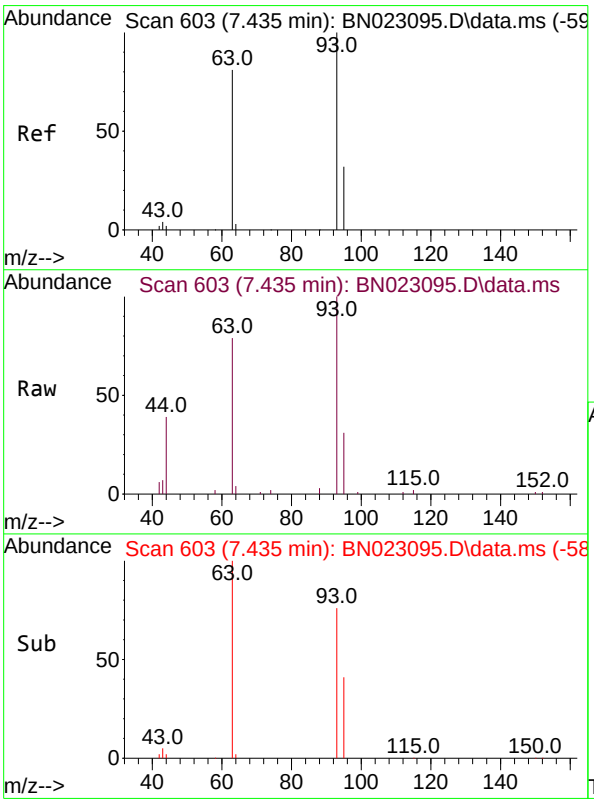
#5
Phenol-d6
Concen: 0.315 ng
RT: 7.168 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 6316

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.3	24.5
71	33.1	26.5	39.7

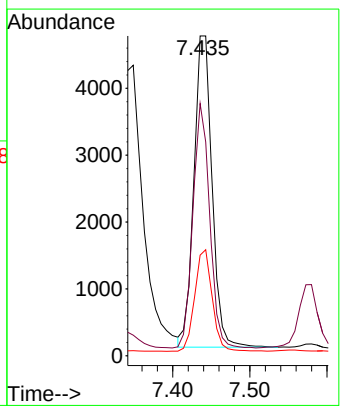


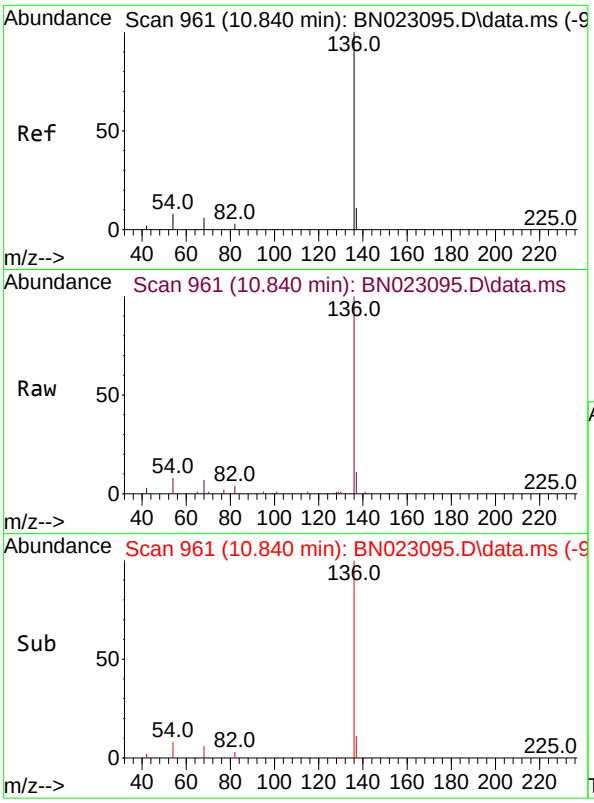


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 7.435 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion: 93 Resp: 7602

Ion	Ratio	Lower	Upper
93	100		
63	72.6	58.1	87.1
95	31.5	25.2	37.8



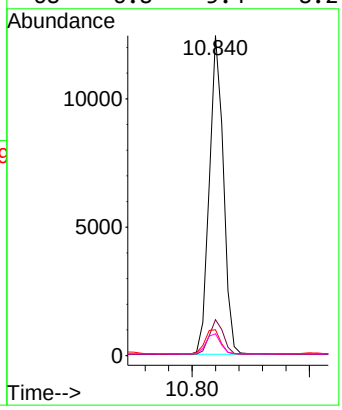


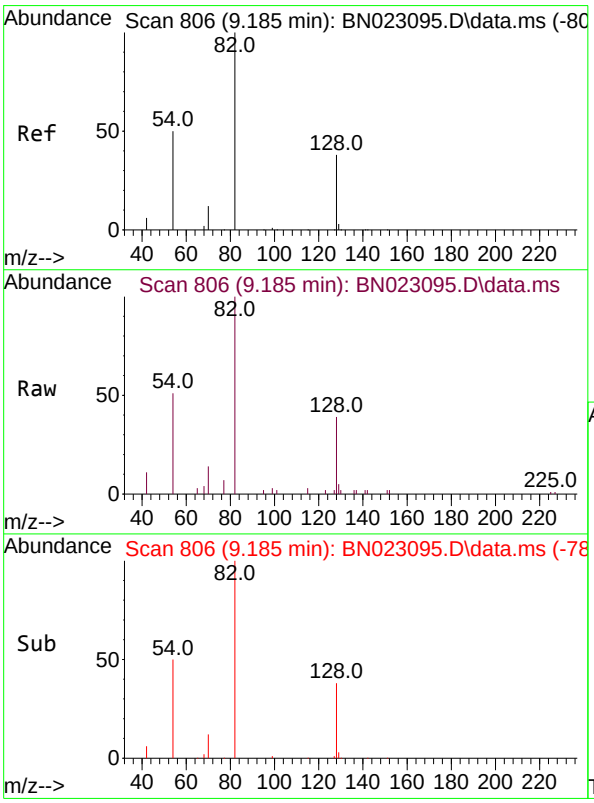
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 20701

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.1	6.5	9.7
68	6.8	5.4	8.2

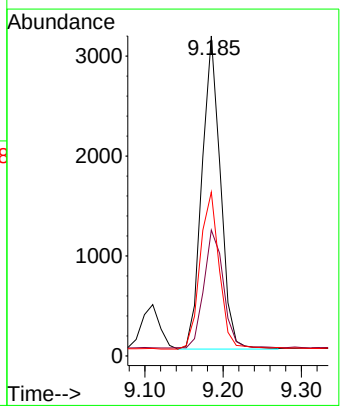


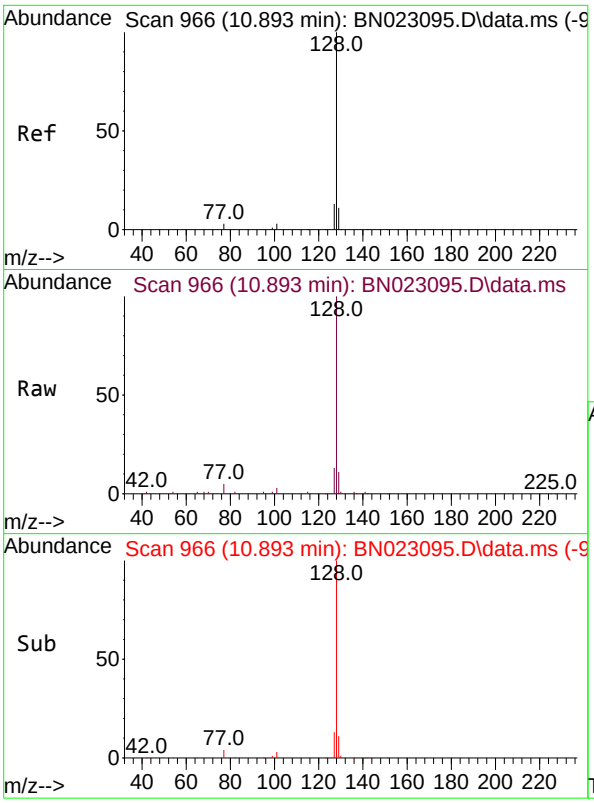


#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 9.185 min Scan# 806
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion: 82 Resp: 5132

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.4	47.2
54	51.2	41.0	61.4



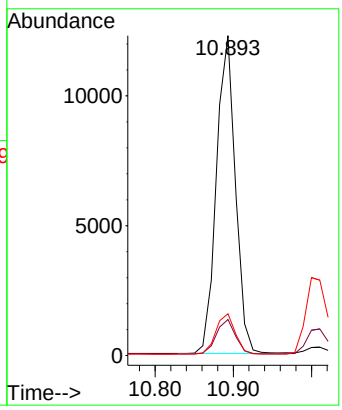


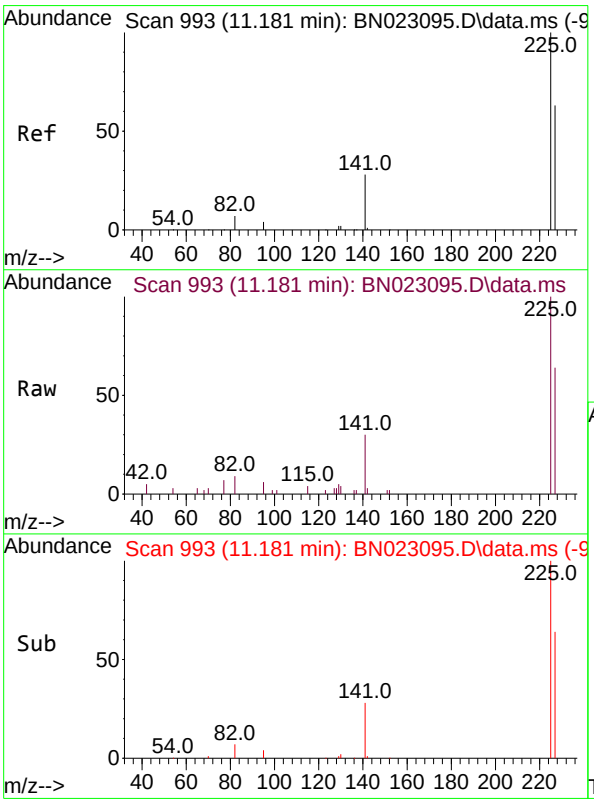
#9
Naphthalene
Concen: 0.336 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 20658

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	10.5	15.7

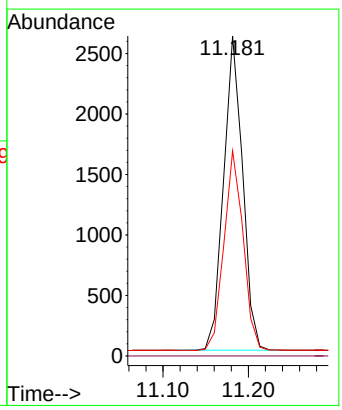


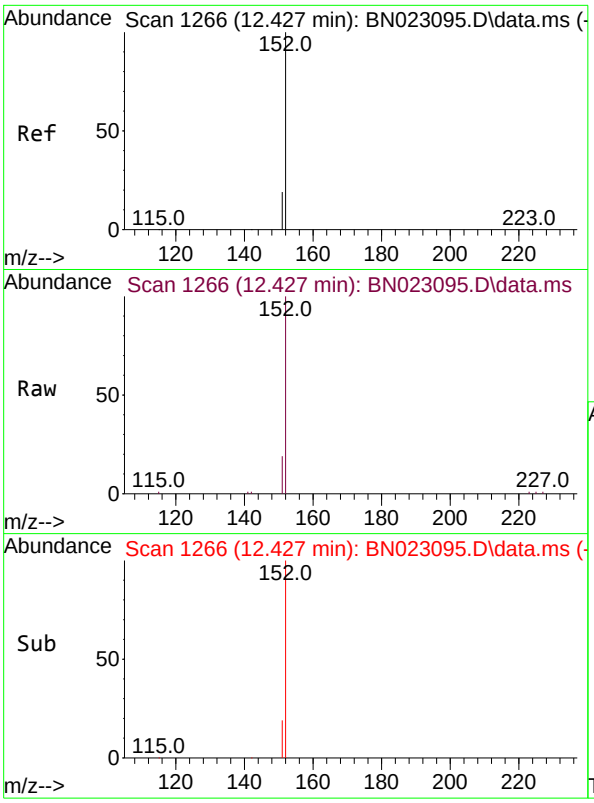


#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 11.181 min Scan# 993
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:225 Resp: 4047

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



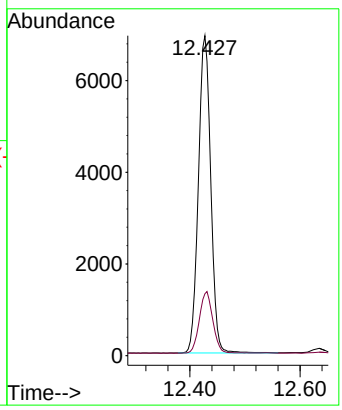


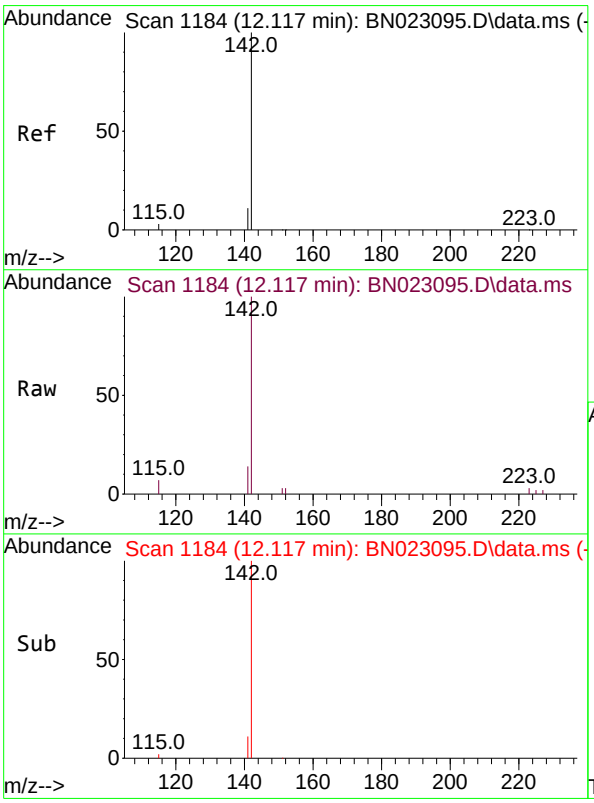
#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 13294

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

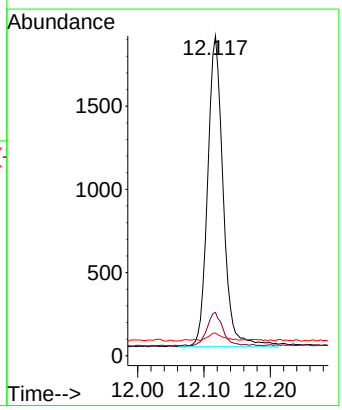


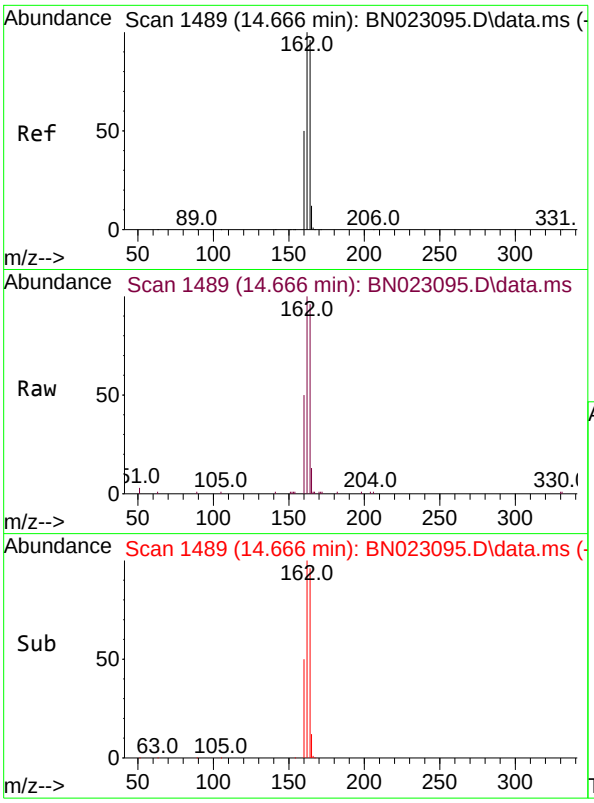


#12
2-Methylnaphthalene
Concen: 0.324 ng
RT: 12.117 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:142 Resp: 3041

Ion	Ratio	Lower	Upper
142	100		
141	13.6	10.9	16.3
115	7.1	5.7	8.5



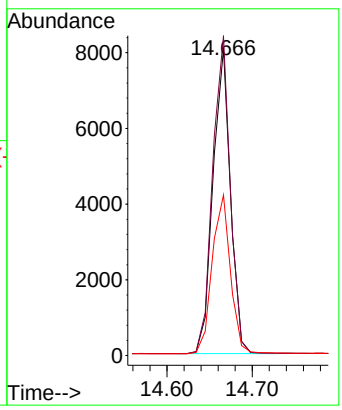


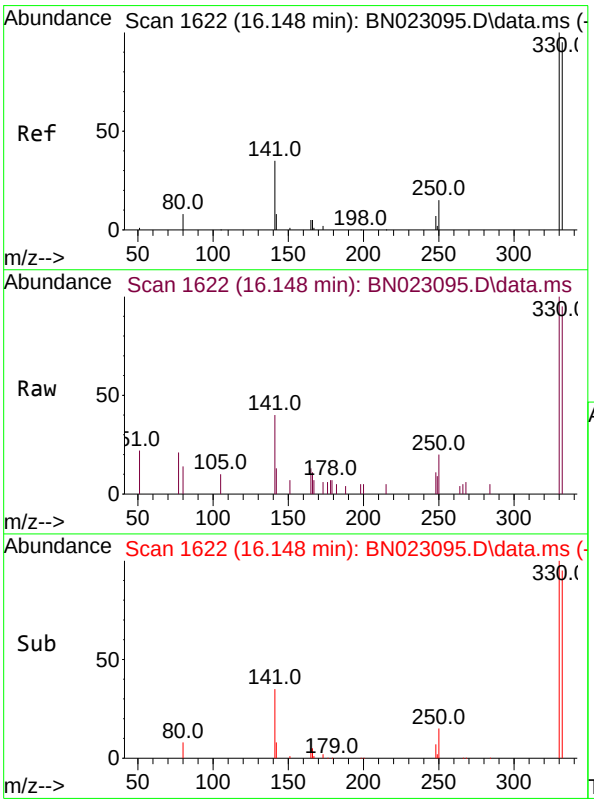
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.666 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 11453

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.4	125.0
160	52.3	41.8	62.8

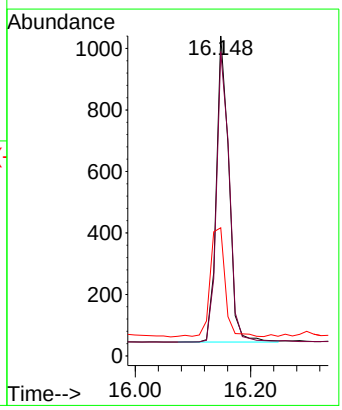


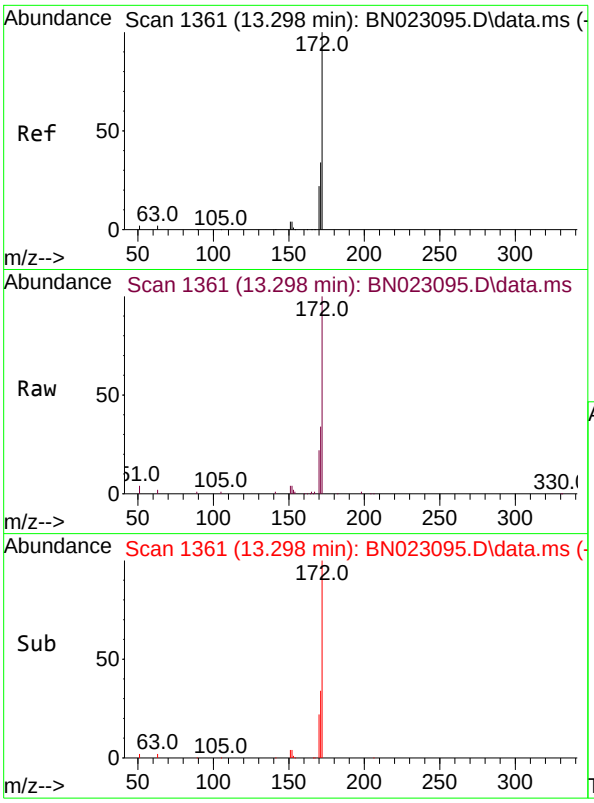


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 16.148 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:330 Resp: 1509

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	41.9	33.5	50.3



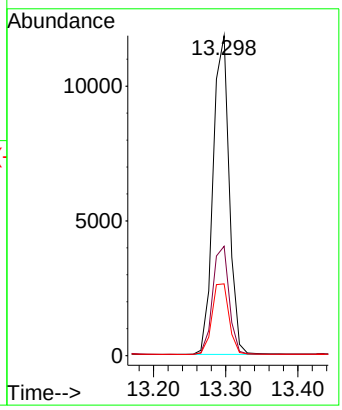


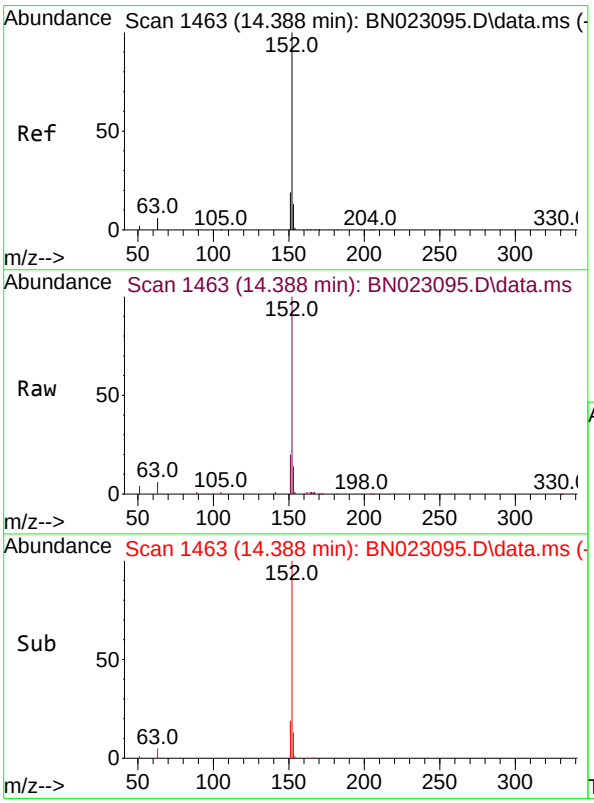
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 18409

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.4	17.9	26.9

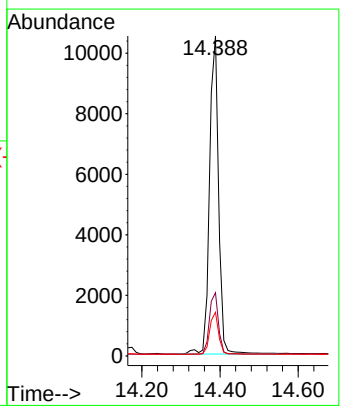


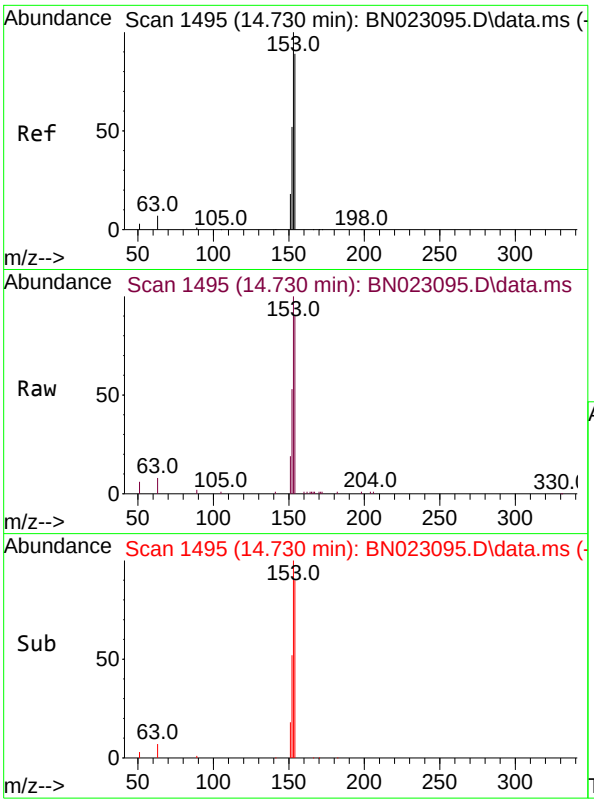


#16
Acenaphthylene
Concen: 0.314 ng
RT: 14.388 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:152 Resp: 16880

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.9	10.3	15.5



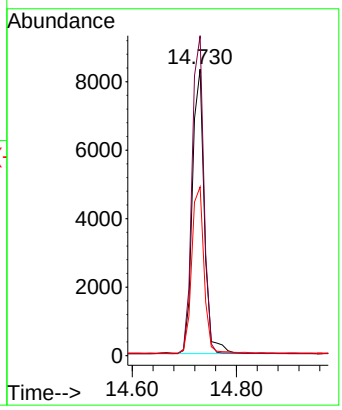


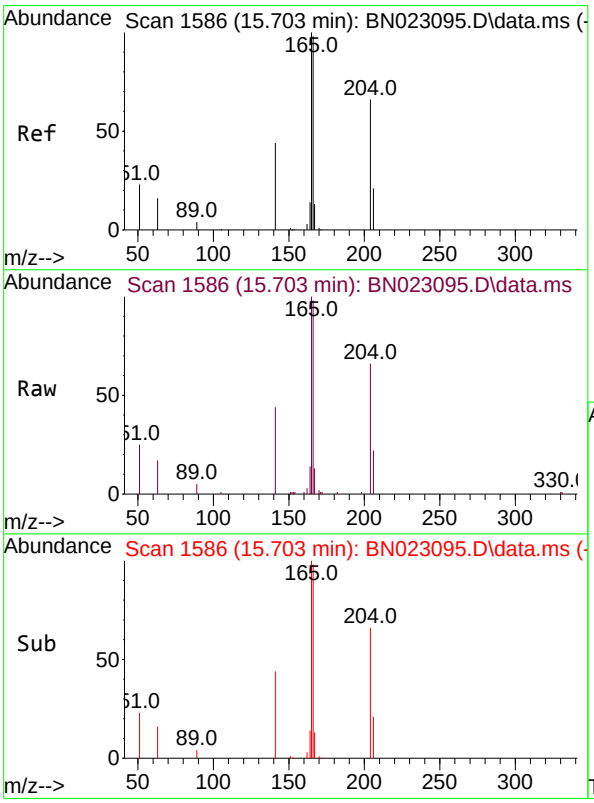
#17
Acenaphthene
Concen: 0.336 ng
RT: 14.730 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 13187

Ion	Ratio	Lower	Upper
154	100		
153	110.7	88.6	132.8
152	60.1	48.1	72.1

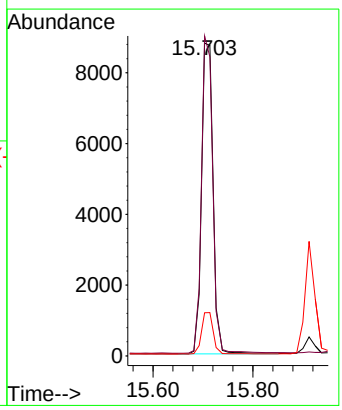


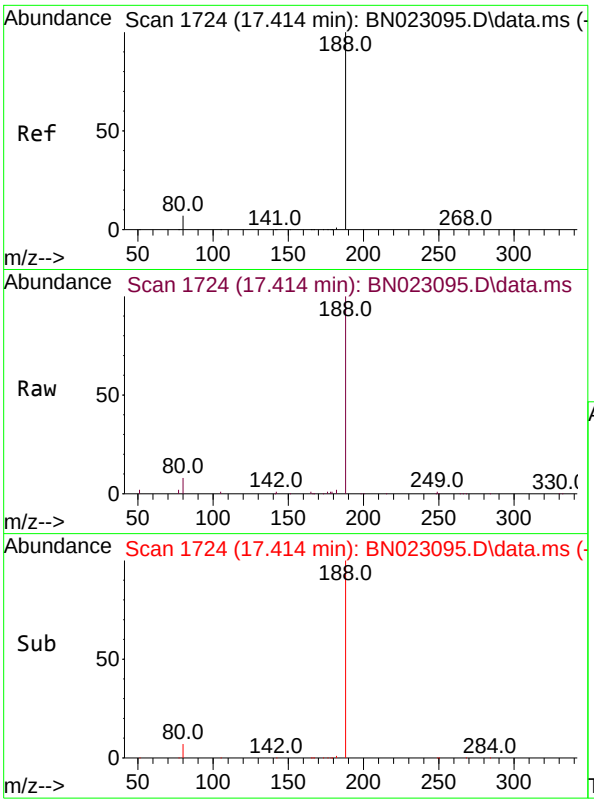


#18
Fluorene
Concen: 0.337 ng
RT: 15.703 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:166 Resp: 14809

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.6
167	13.3	10.6	16.0



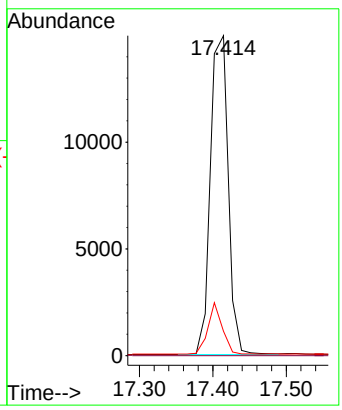


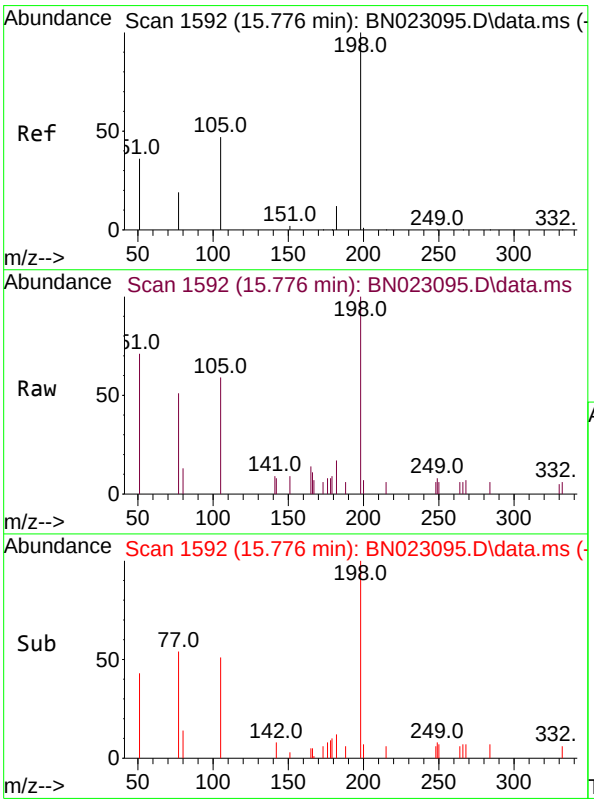
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 25275

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.1	9.1

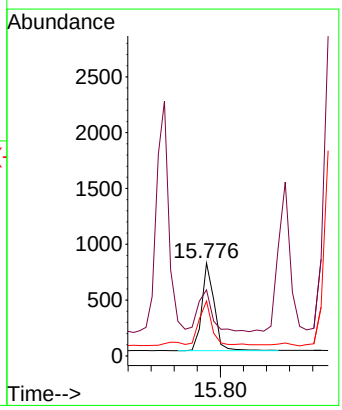


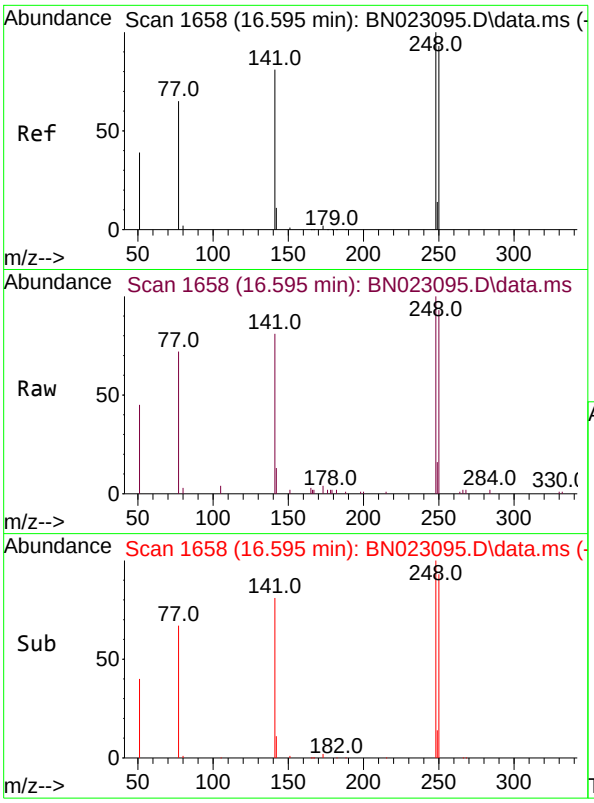


#20
4,6-Dinitro-2-methylphenol
Concen: 0.339 ng
RT: 15.776 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:198 Resp: 1159

Ion	Ratio	Lower	Upper
198	100		
51	71.2	57.0	85.4
105	59.0	47.2	70.8



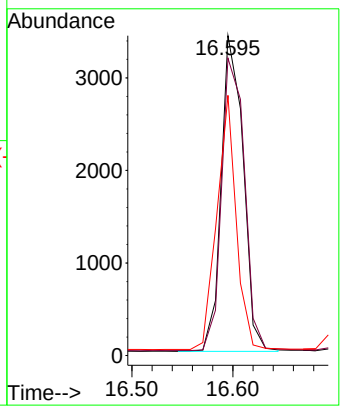


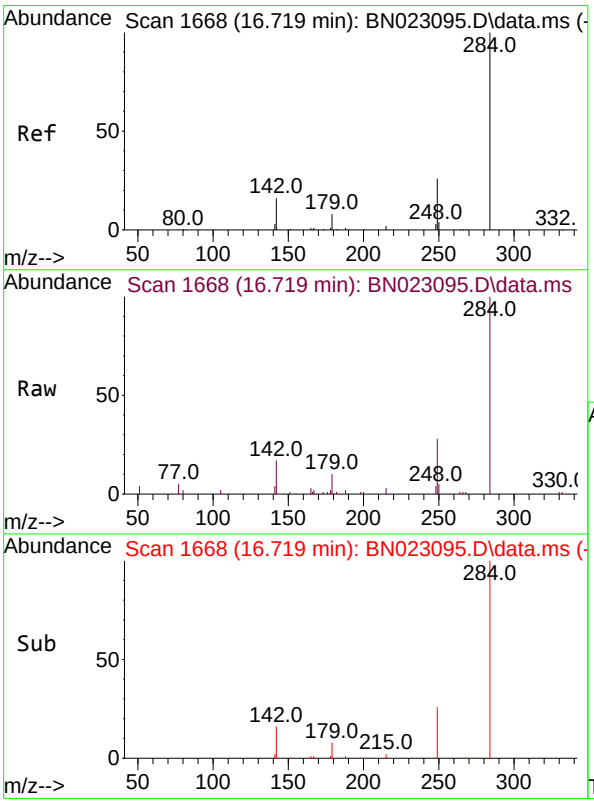
#21
4-Bromophenyl-phenylether
Concen: 0.339 ng
RT: 16.595 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 5161

Ion	Ratio	Lower	Upper
248	100		
250	92.9	74.3	111.5
141	81.3	65.0	97.6

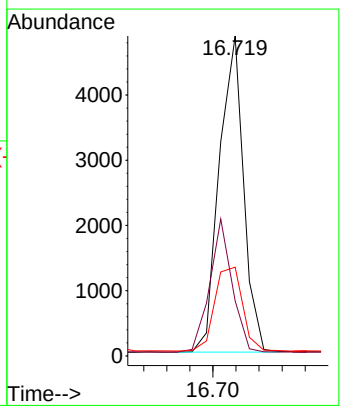


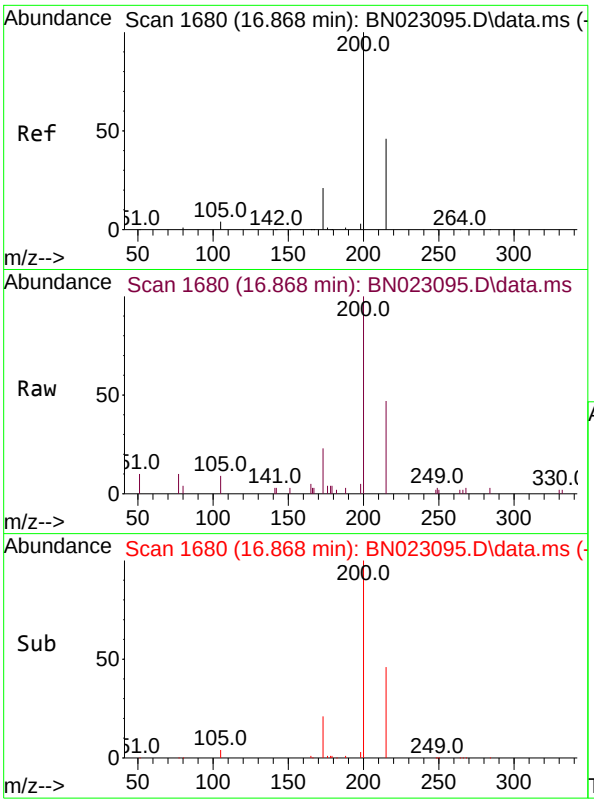


#22
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.719 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:284 Resp: 7088

Ion	Ratio	Lower	Upper
284	100		
142	38.7	31.0	46.4
249	30.5	24.4	36.6



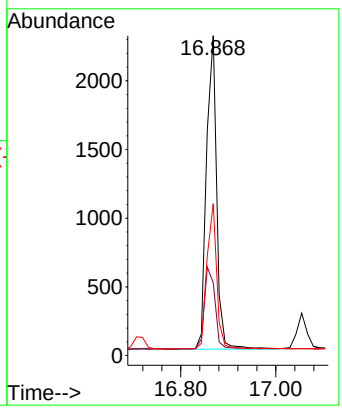


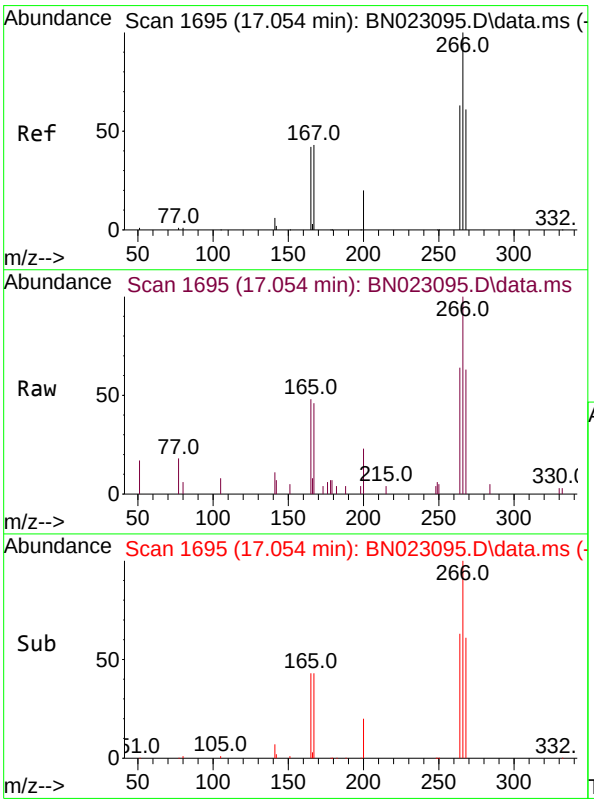
#23
Atrazine
Concen: 0.305 ng
RT: 16.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 3382

Ion	Ratio	Lower	Upper
200	100		
173	22.8	18.2	27.4
215	47.5	38.0	57.0

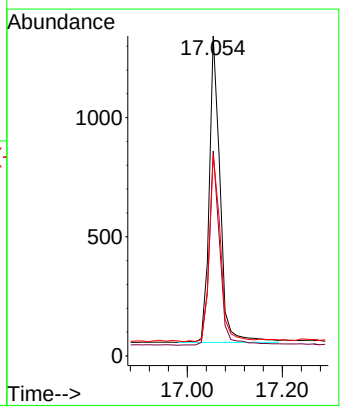


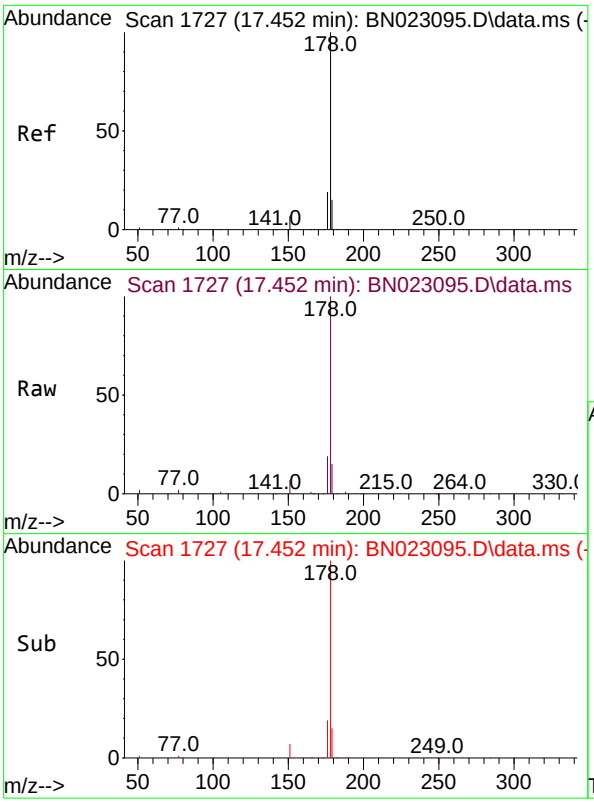


#24
Pentachlorophenol
Concen: 0.349 ng
RT: 17.054 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:266 Resp: 2029

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.1	75.1
268	62.1	49.7	74.5



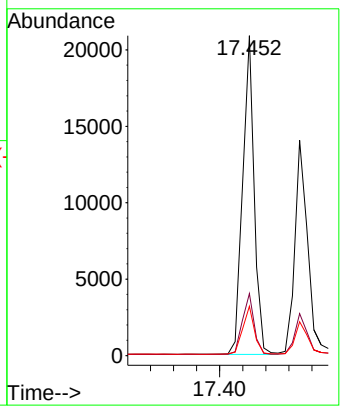


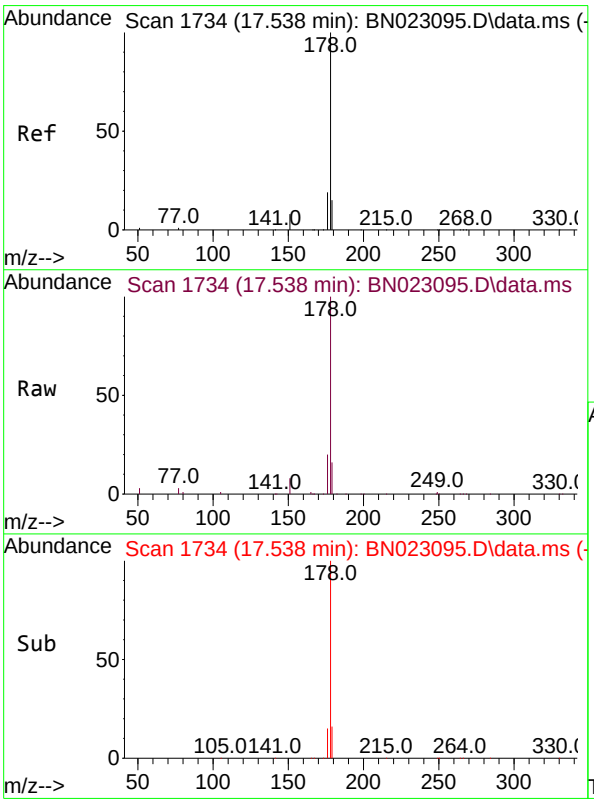
#25
Phenanthrene
Concen: 0.340 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 28996

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.2

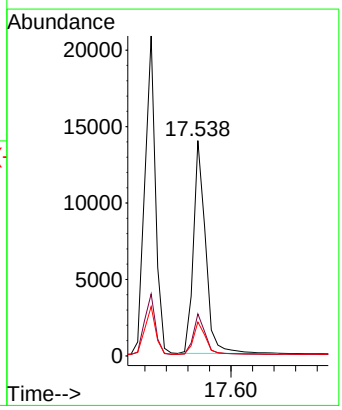


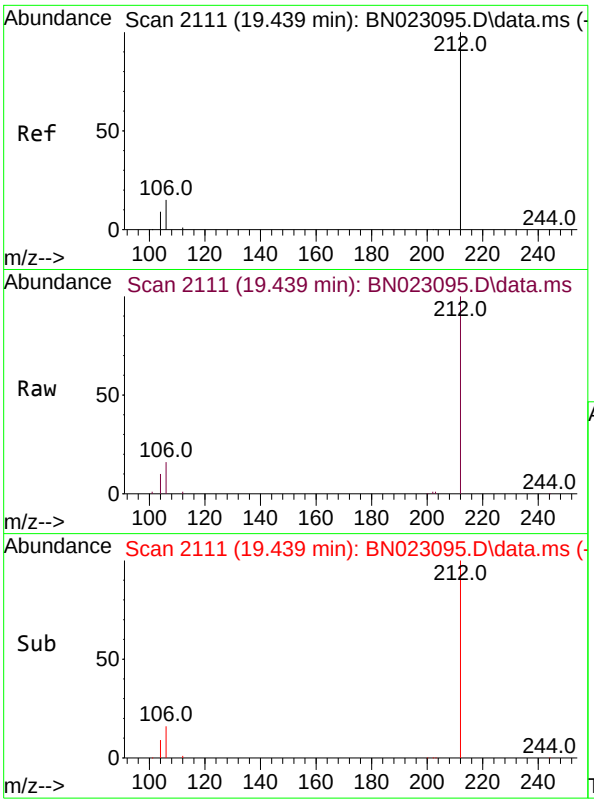


#26
Anthracene
Concen: 0.316 ng
RT: 17.538 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:178 Resp: 21713

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.2	18.4



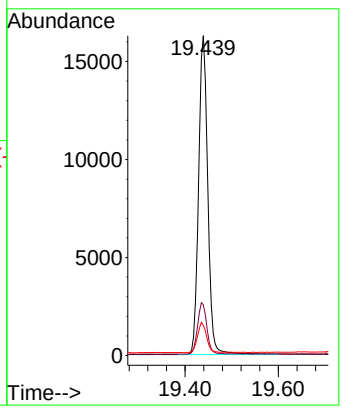


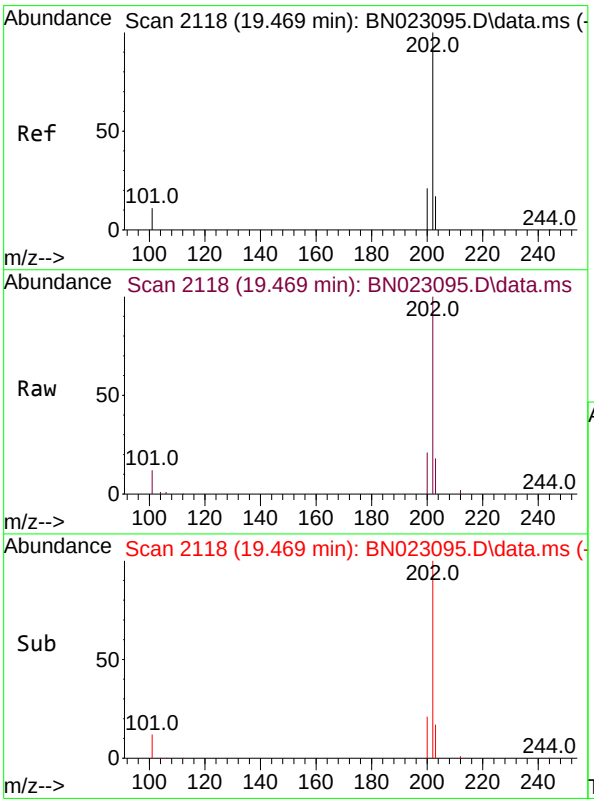
#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 22299

Ion	Ratio	Lower	Upper
212	100		
106	16.2	13.0	19.4
104	9.4	7.5	11.3

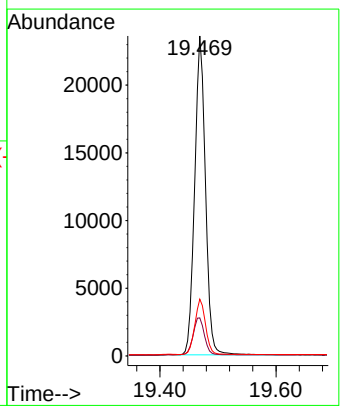


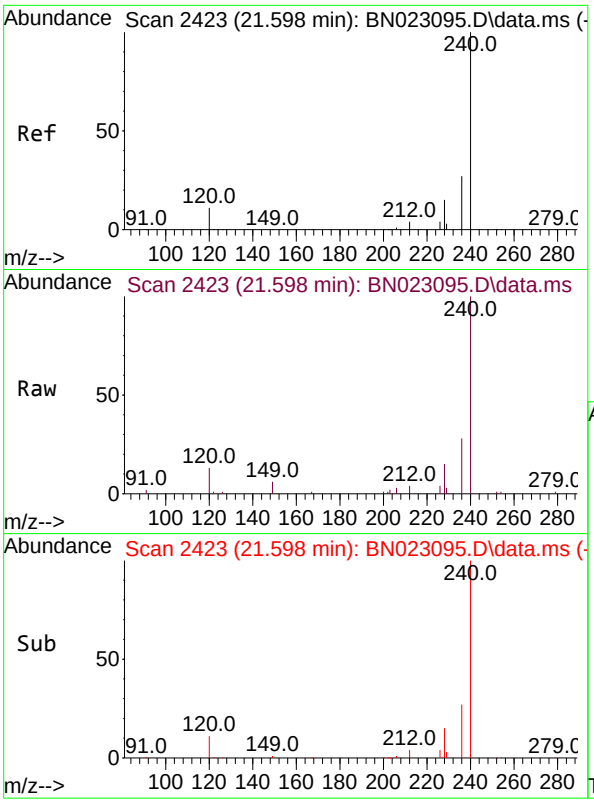


#28
Fluoranthene
Concen: 0.327 ng
RT: 19.469 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:202 Resp: 30350

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	17.2	13.8	20.6



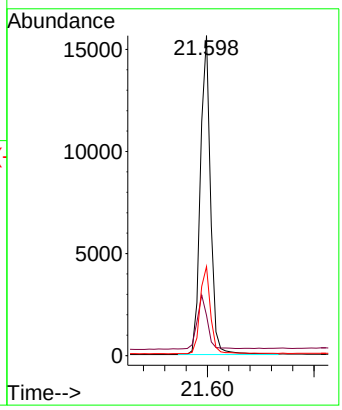


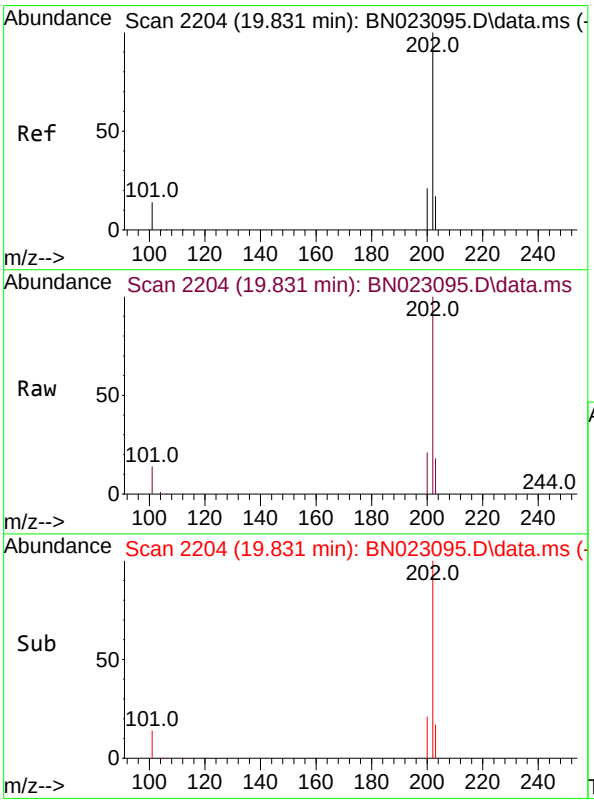
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.598 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 20569

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	27.8	22.2	33.4

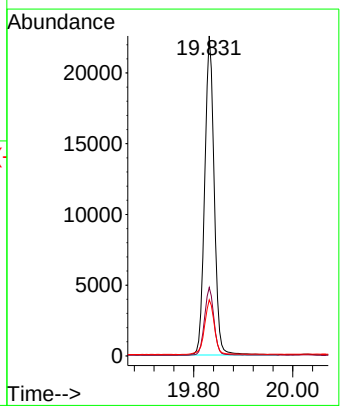


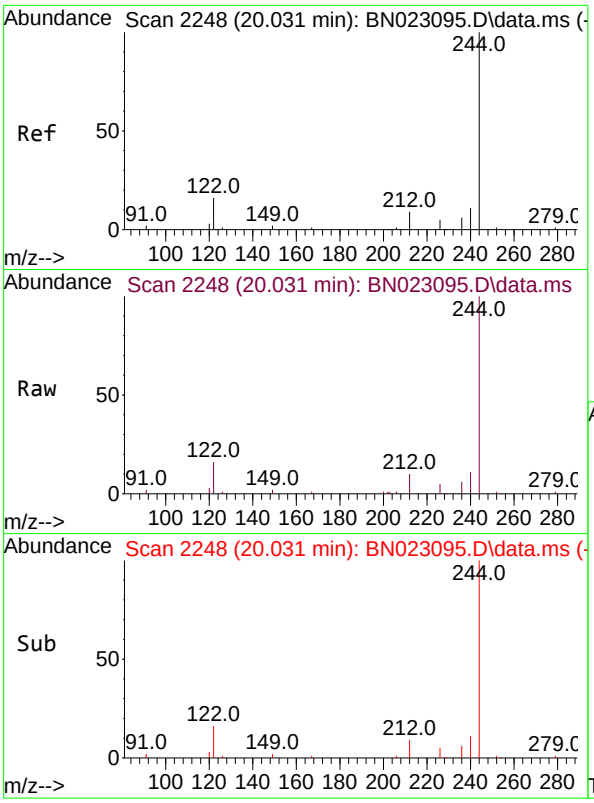


#30
Pyrene
Concen: 0.347 ng
RT: 19.831 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:202 Resp: 29786

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.8	14.2	21.4



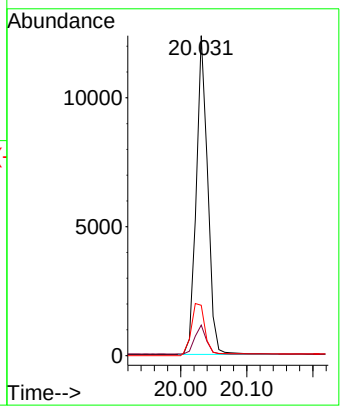


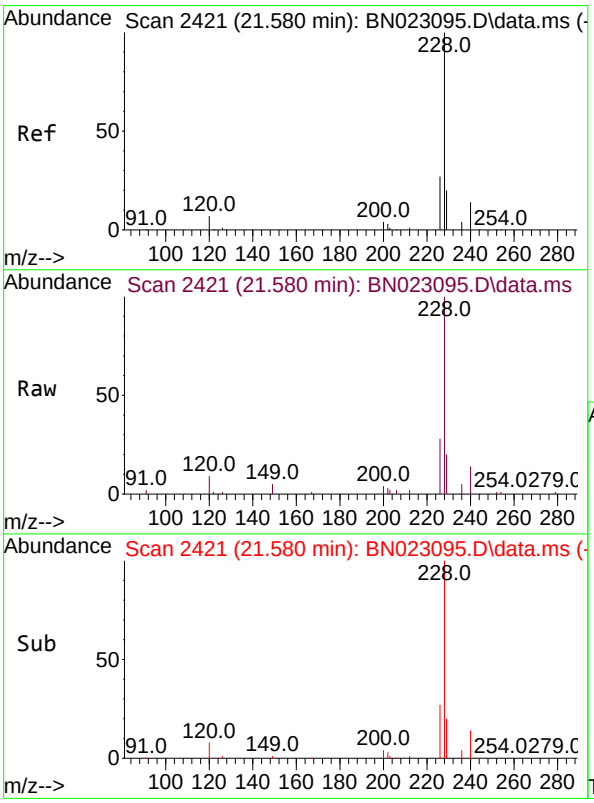
#31
Terphenyl-d14
Concen: 0.361 ng
RT: 20.031 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 14076

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.6	11.4
122	15.7	12.6	18.8

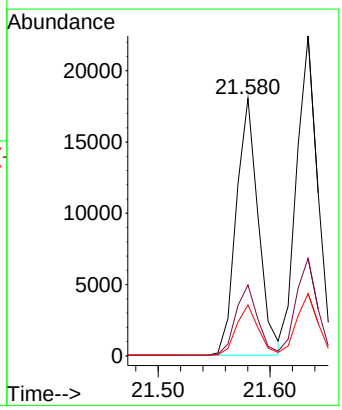


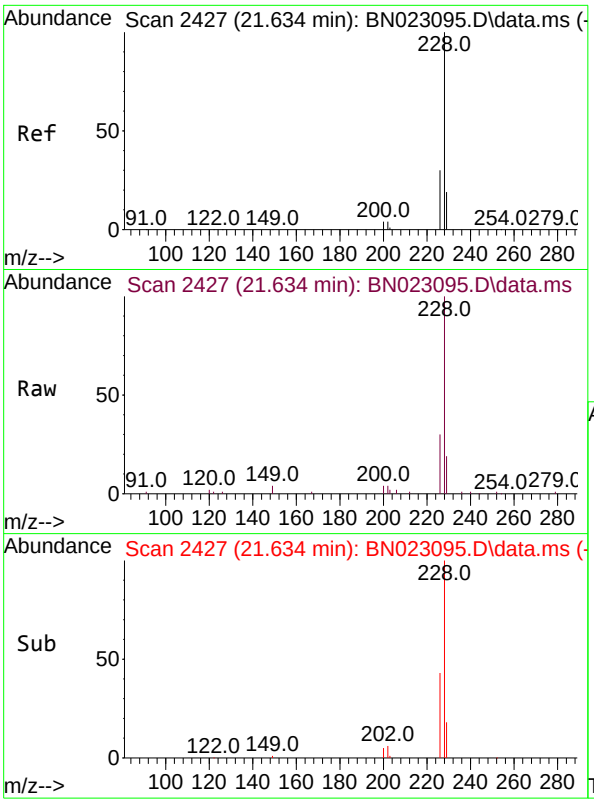


#32
Benzo(a)anthracene
Concen: 0.325 ng
RT: 21.580 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:228 Resp: 24652

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.8	15.8	23.8



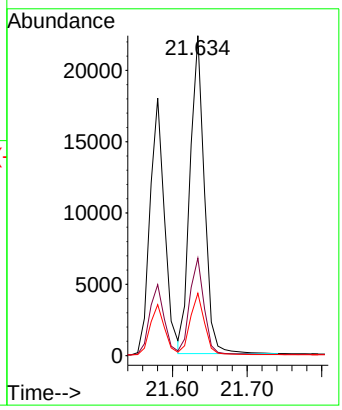


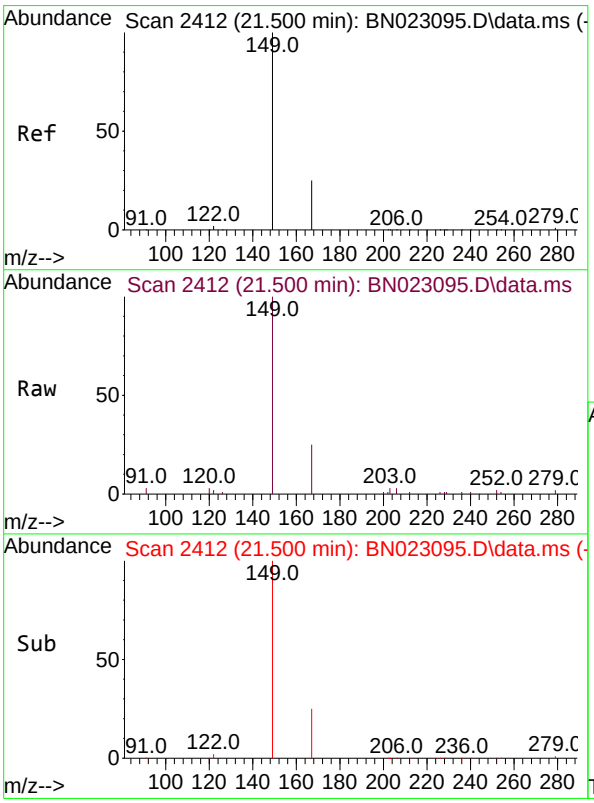
#33
Chrysene
Concen: 0.350 ng
RT: 21.634 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 29670

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.5	15.6	23.4

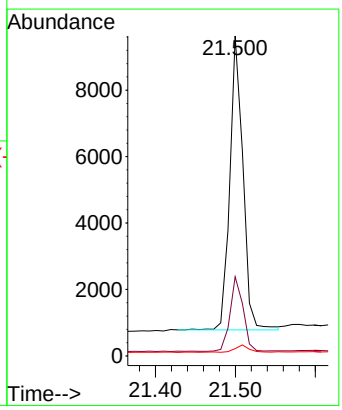


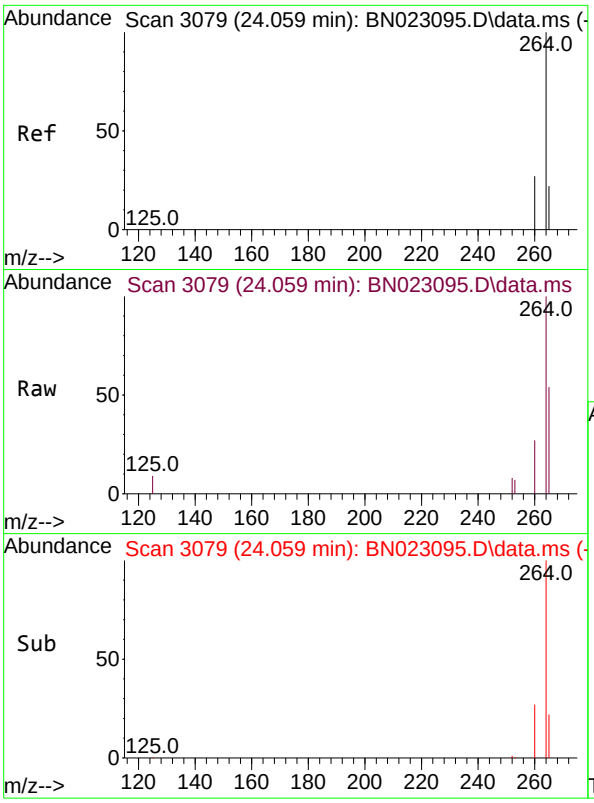


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.307 ng
RT: 21.500 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:149 Resp: 10060

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.2	30.2
279	2.9	2.3	3.5



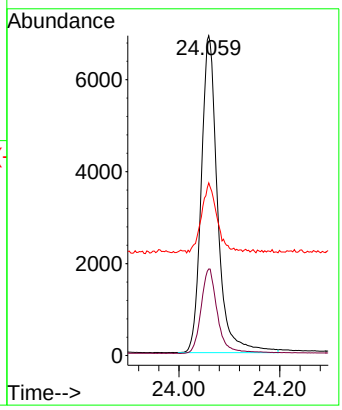


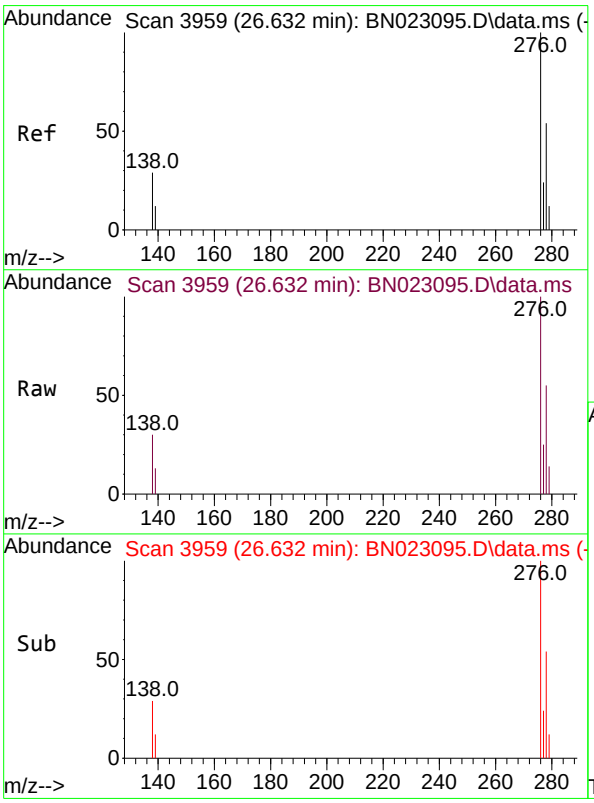
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.059 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 15521

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.7	32.5
265	54.0	43.2	64.8

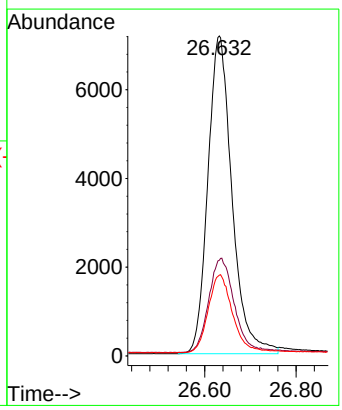


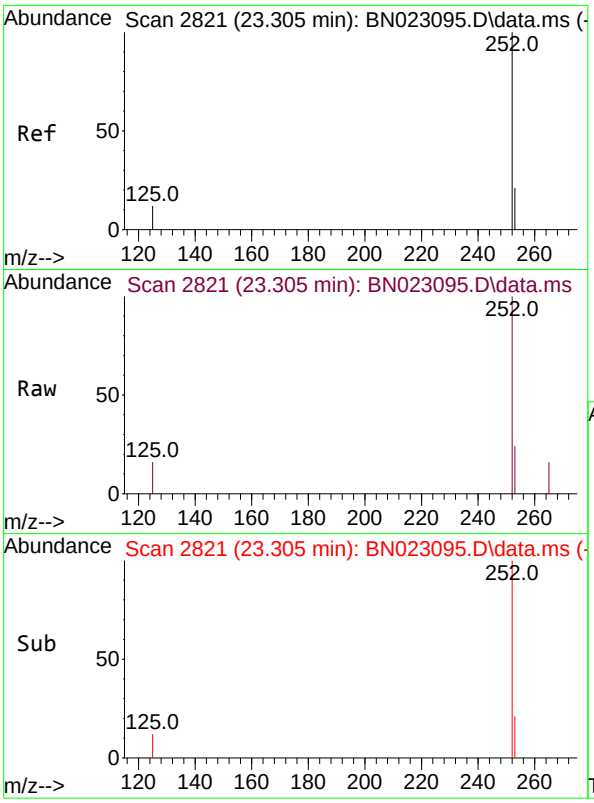


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng
RT: 26.632 min Scan# 3959
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:276 Resp: 26282

Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.0	37.6
277	24.8	19.8	29.8



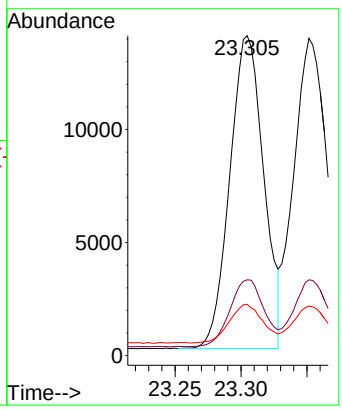


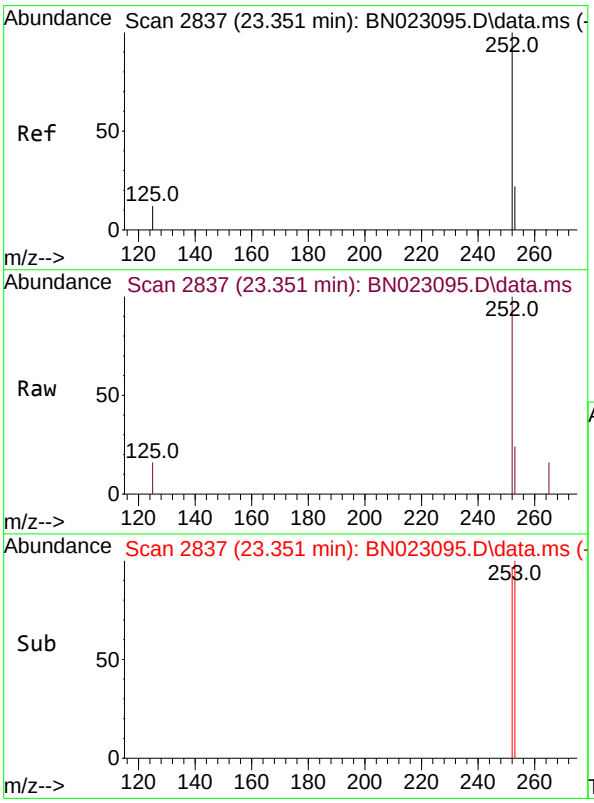
#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.305 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 24739

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	16.0	12.8	19.2

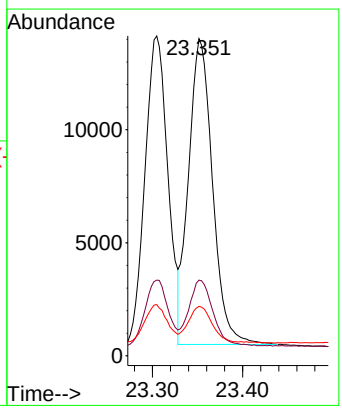


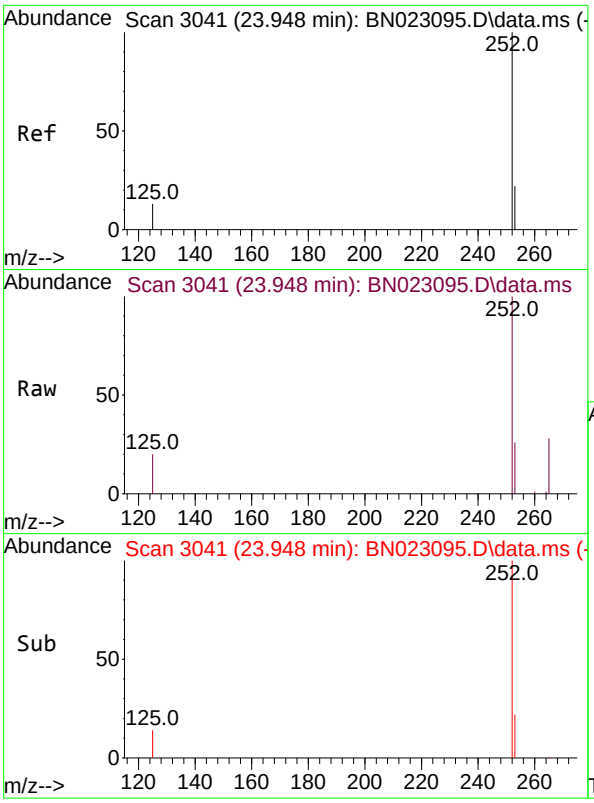


#38
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 23.351 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:252 Resp: 24998

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	15.6	12.5	18.7



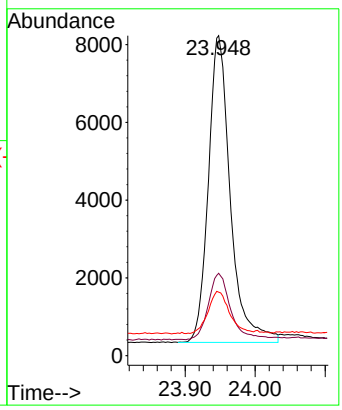


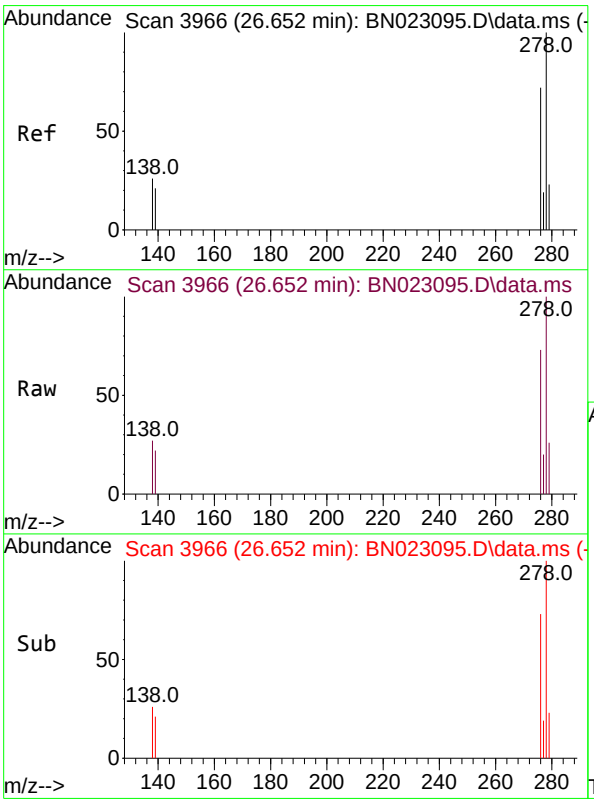
#39
Benzo(a)pyrene
Concen: 0.300 ng
RT: 23.948 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 17239

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.6	30.8
125	19.8	15.8	23.8

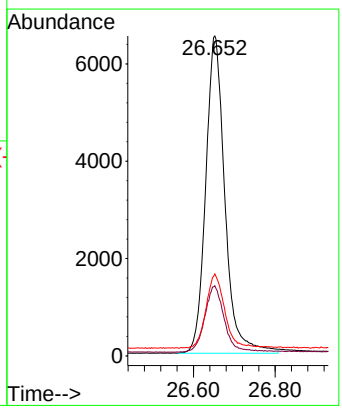


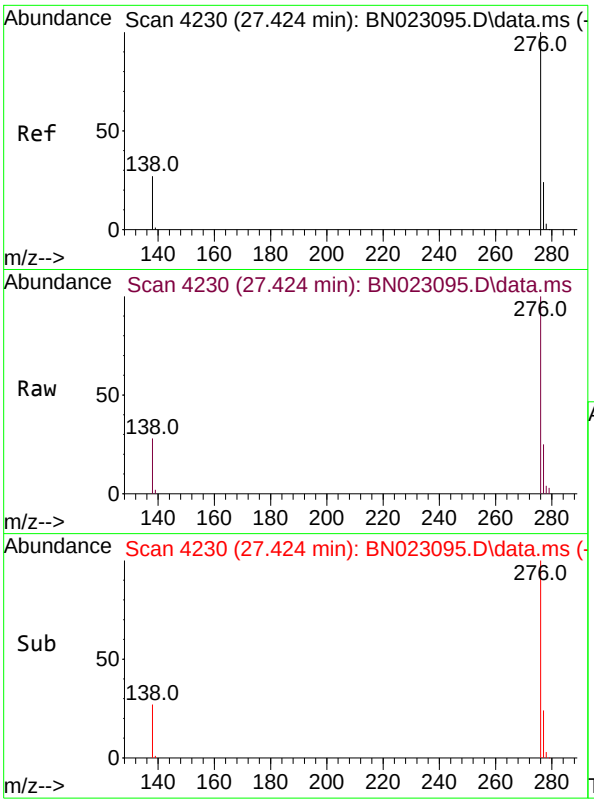


#40
Dibenzo(a,h)anthracene
Concen: 0.326 ng
RT: 26.652 min Scan# 3966
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Tgt Ion:278 Resp: 21269

Ion	Ratio	Lower	Upper
278	100		
139	21.9	17.5	26.3
279	25.6	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.351 ng
RT: 27.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN023095.D
Acq: 08 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 23466

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.9	29.9
138	27.7	22.2	33.2