Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023485.D
Acq On : 27 Dec 2022 12:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 28 03:33:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:33:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	5468	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	15611	0.400	ng	0.00
13) Acenaphthene-d10	14.623	164	8947	0.400	ng	0.00
19) Phenanthrene-d10	17.377	188	18967	0.400	ng	0.00
29) Chrysene-d12	21.566	240	15988	0.400	ng	# 0.00
35) Perylene-d12	24.008	264	13901	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.521	112	5042	0.332	ng	0.00
5) Phenol-d6	7.139	99	6118	0.337	ng	0.00
8) Nitrobenzene-d5	9.142	82	4678	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.382	152	8280	0.309	ng	0.00
14) 2,4,6-Tribromophenol	16.123	330	1608	0.477	ng	0.00
15) 2-Fluorobiphenyl	13.255	172	13989	0.379	ng	0.00
27) Fluoranthene-d10	19.410	212	17535	0.311	ng	0.00
31) Terphenyl-d14	20.004	244	15510	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	2131	0.297	ng	98
3) n-Nitrosodimethylamine	3.701	42	2510	0.384	ng	95
6) bis(2-Chloroethyl)ether	7.399	93	5944	0.381	ng	99
9) Naphthalene	10.840	128	15488	0.332	ng	100
10) Hexachlorobutadiene	11.128	225	3146	0.370	ng	# 98
12) 2-Methylnaphthalene	12.454	142	11224	0.362	ng	98
16) Acenaphthylene	14.345	152	13753	0.320	ng	100
17) Acenaphthene	14.687	154	9615	0.329	ng	99
18) Fluorene	15.671	166	13248	0.347	ng	98
20) 4,6-Dinitro-2-methylph...	15.751	198	867	0.358	ng	93
21) 4-Bromophenyl-phenylether	16.558	248	4219	0.383	ng	99
22) Hexachlorobenzene	16.682	284	5108	0.418	ng	100
23) Atrazine	16.831	200	3217	0.370	ng	99
24) Pentachlorophenol	17.029	266	1754	0.611	ng	99
25) Phenanthrene	17.414	178	20541	0.321	ng	100
26) Anthracene	17.501	178	16573	0.301	ng	100
28) Fluoranthene	19.439	202	22956	0.329	ng	100
30) Pyrene	19.802	202	23550	0.348	ng	100
32) Benzo(a)anthracene	21.549	228	20371	0.357	ng	99
33) Chrysene	21.602	228	21456	0.339	ng	99
34) Bis(2-ethylhexyl)phtha...	21.468	149	13252	0.412	ng	99
36) Indeno(1,2,3-cd)pyrene	26.554	276	20219	0.326	ng	99
37) Benzo(b)fluoranthene	23.259	252	20244	0.378	ng	99
38) Benzo(k)fluoranthene	23.309	252	19239	0.337	ng	99
39) Benzo(a)pyrene	23.896	252	15565	0.335	ng	99
40) Dibenzo(a,h)anthracene	26.577	278	15273	0.308	ng	98
41) Benzo(g,h,i)perylene	27.335	276	17836	0.329	ng	99

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

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Instrument :
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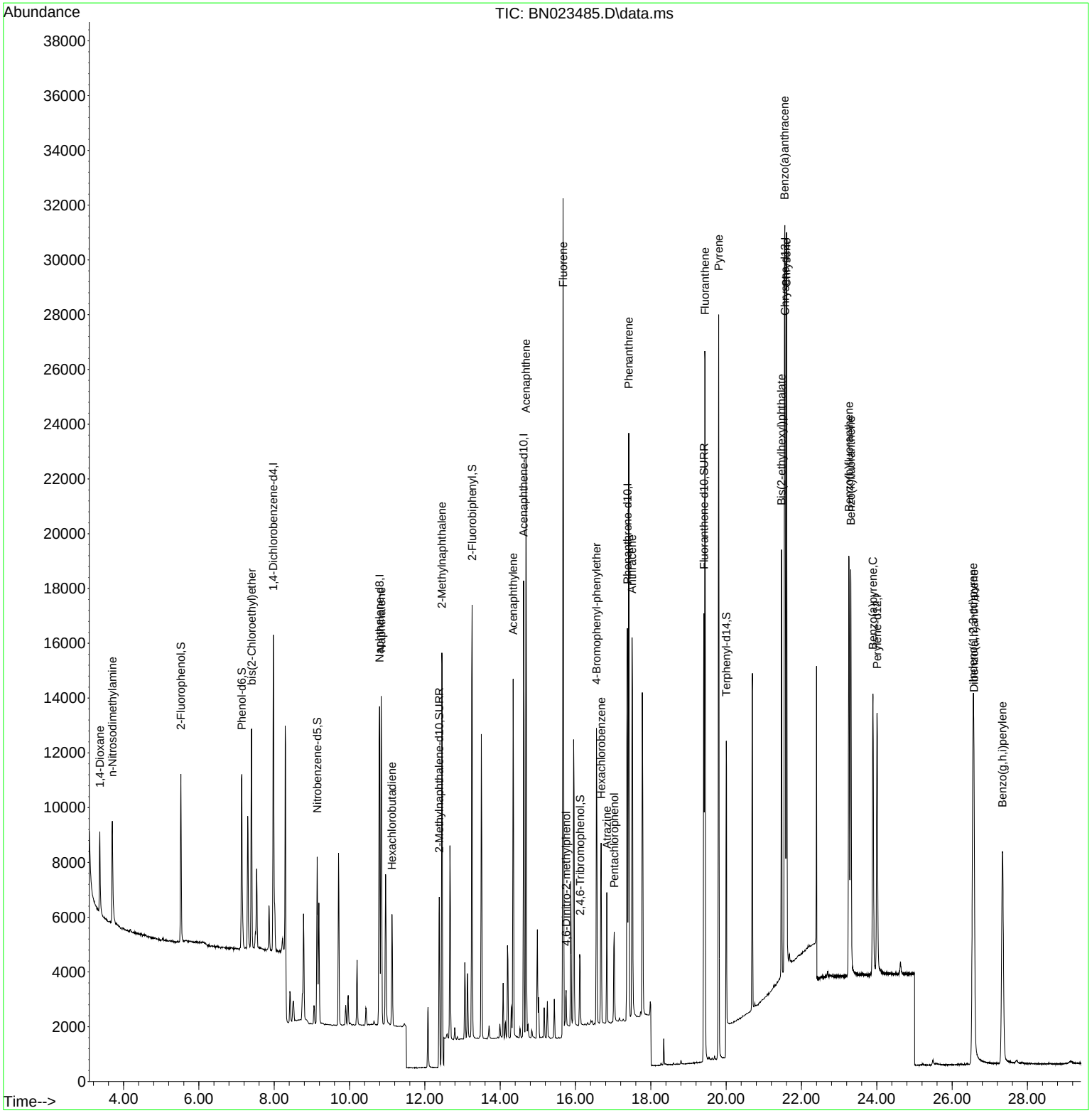
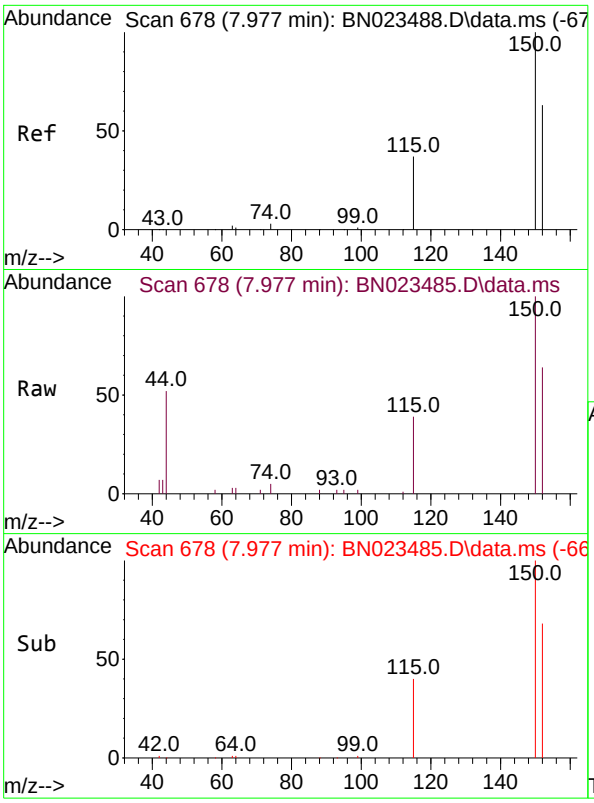
Quant Time: Dec 28 03:33:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:33:25 2022
Response via : Initial Calibration



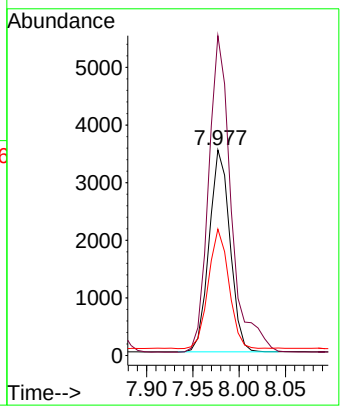


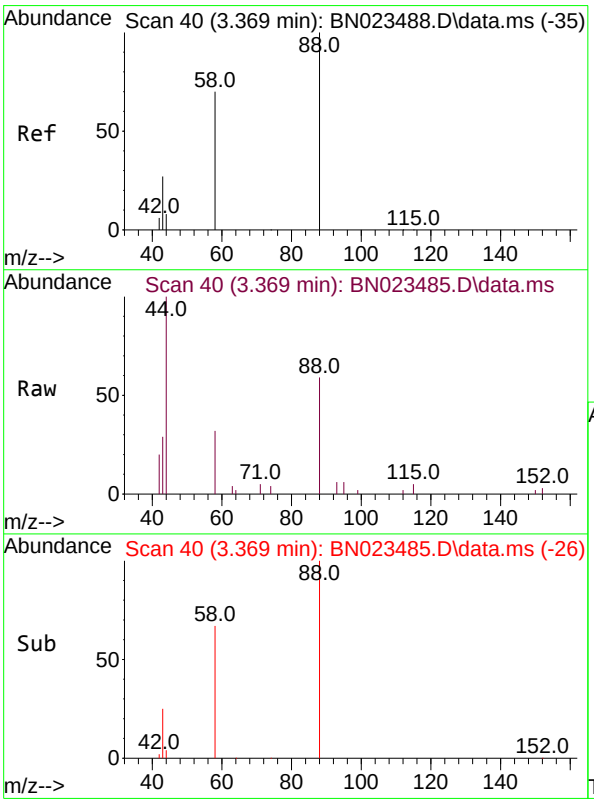
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.977 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5468

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.0	187.6
115	61.4	48.8	73.2

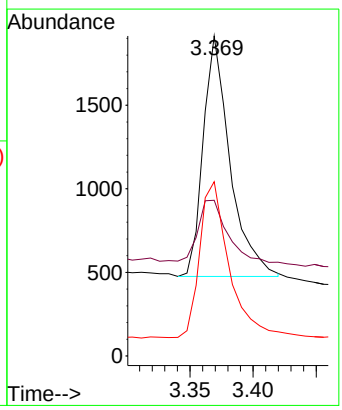


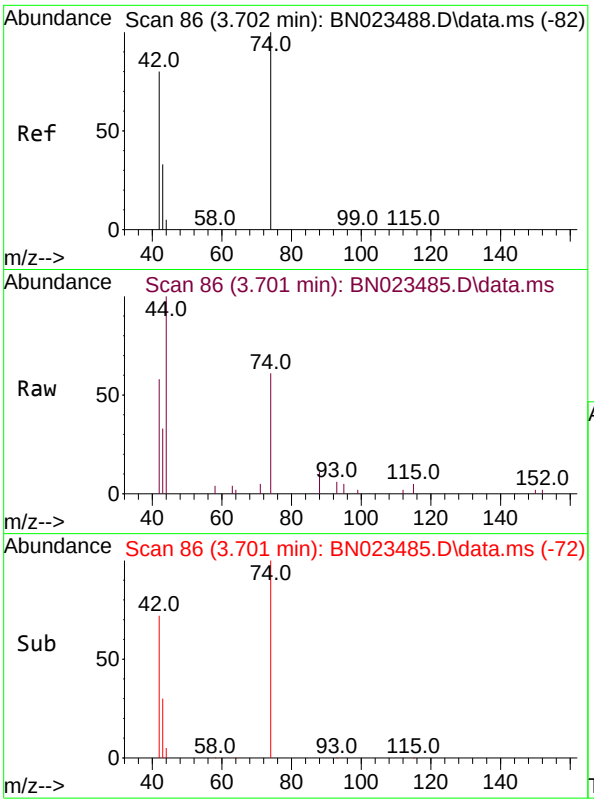


#2
1,4-Dioxane
Concen: 0.297 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion: 88 Resp: 2131

Ion	Ratio	Lower	Upper
88	100		
43	27.8	24.6	36.8
58	71.8	58.2	87.4



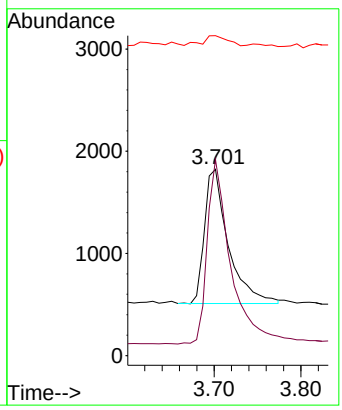


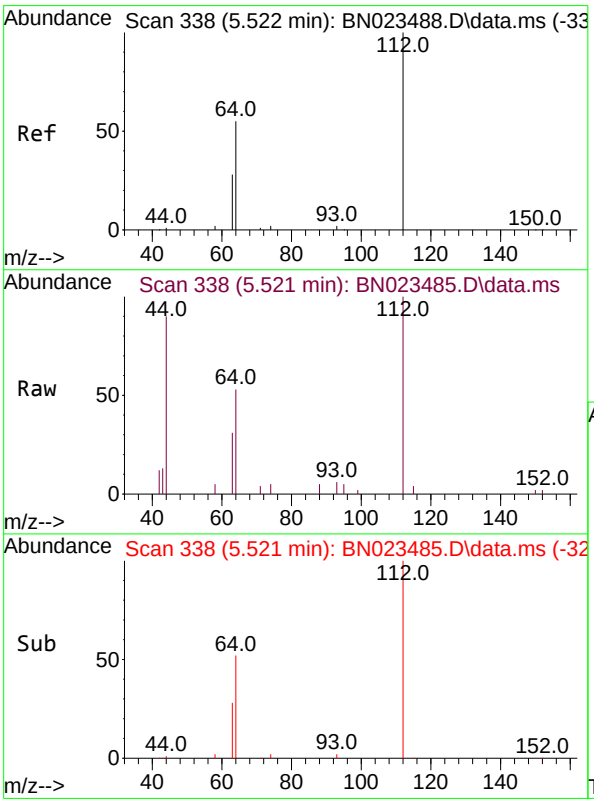
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.701 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2510

Ion	Ratio	Lower	Upper
42	100		
74	133.3	102.1	153.1
44	7.8	5.6	8.4

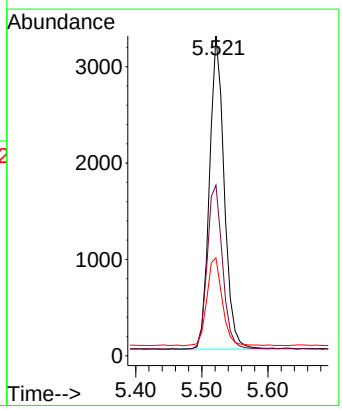


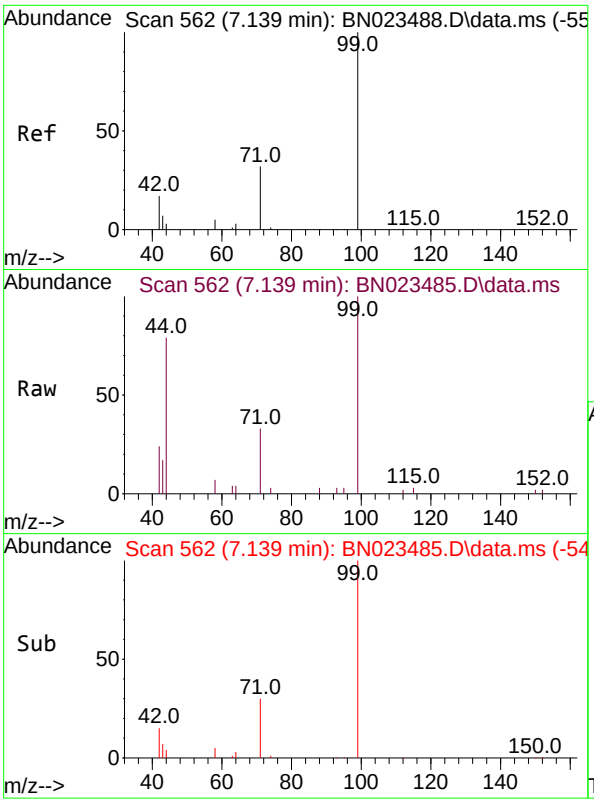


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.521 min Scan# 338
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:112 Resp: 5042

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.3	66.5
63	29.3	23.8	35.6



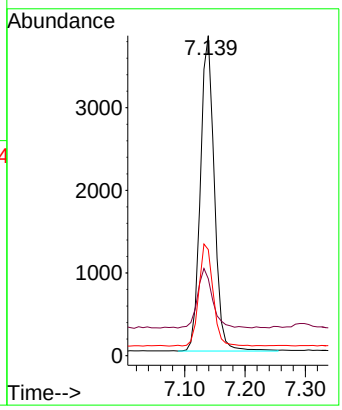


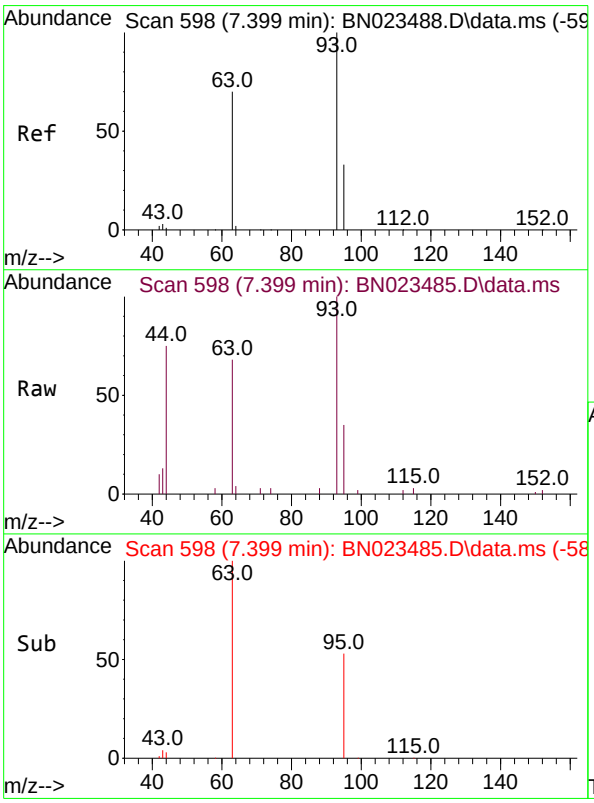
#5
Phenol-d6
Concen: 0.337 ng
RT: 7.139 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6118

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.8	25.2
71	33.1	27.0	40.4

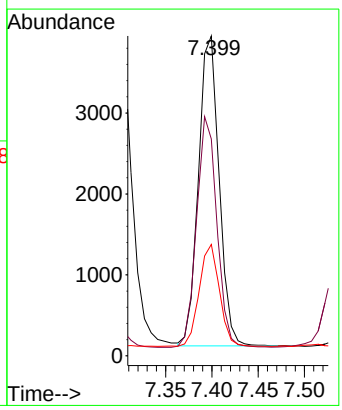


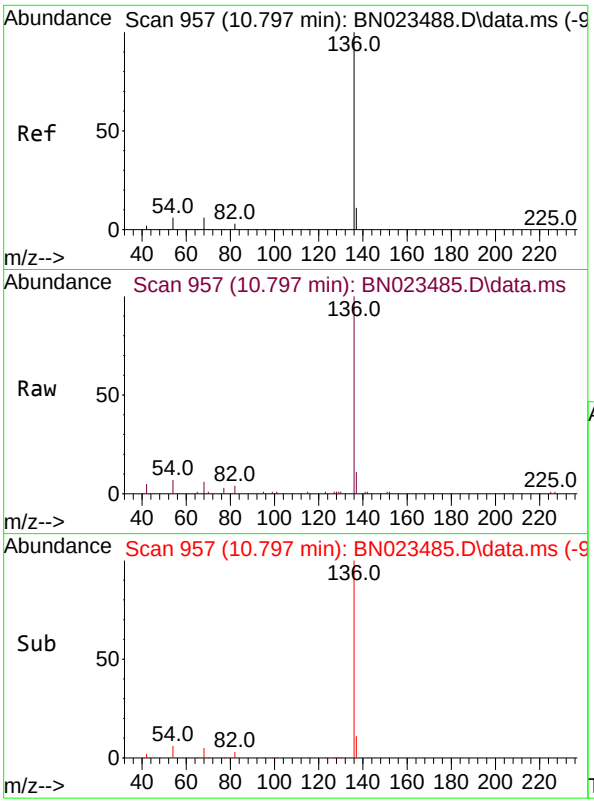


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.399 min Scan# 598
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion: 93 Resp: 5944

Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.9	88.3
95	32.3	26.1	39.1



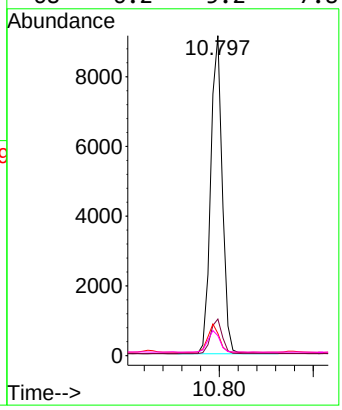


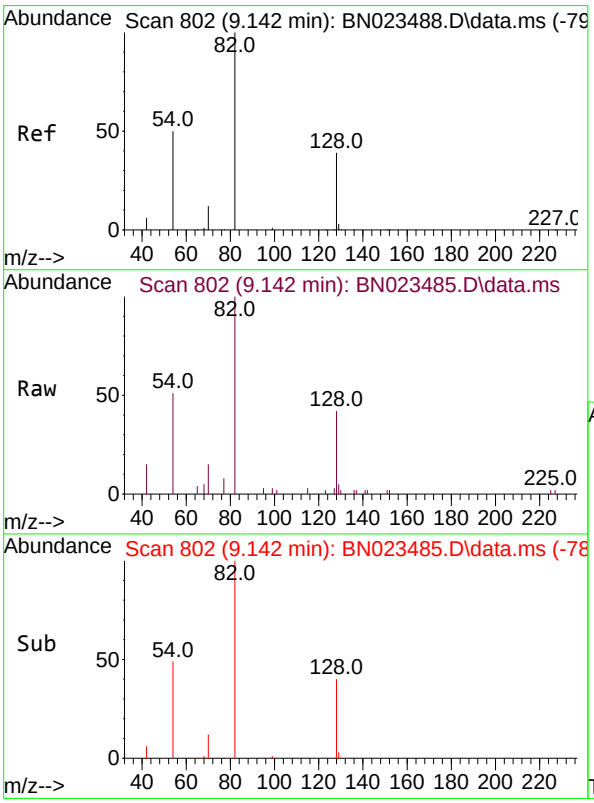
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.797 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15611

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.9	5.8	8.8
68	6.2	5.2	7.8

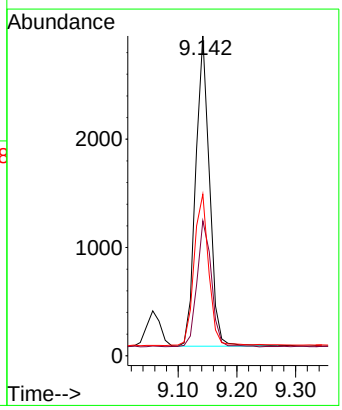


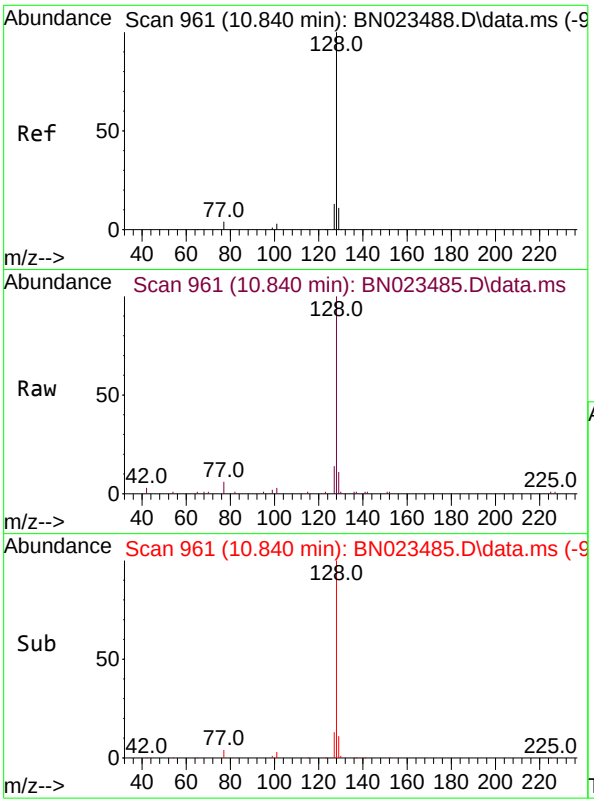


#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.142 min Scan# 802
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion: 82 Resp: 4678

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.6	49.0
54	50.5	41.4	62.0



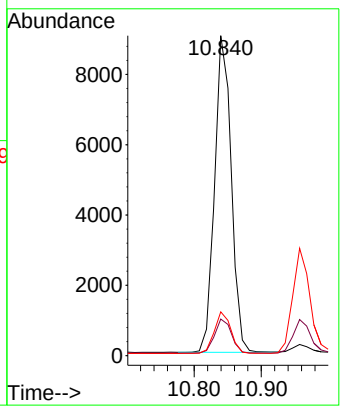


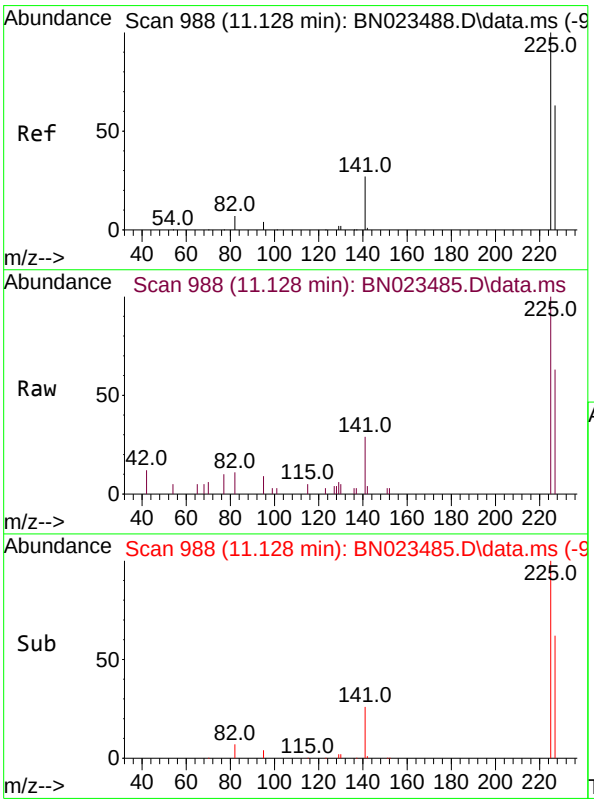
#9
Naphthalene
Concen: 0.332 ng
RT: 10.840 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15488

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	11.0	16.4

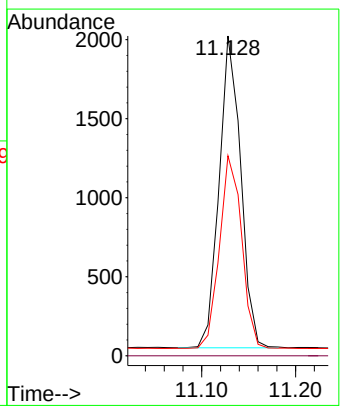


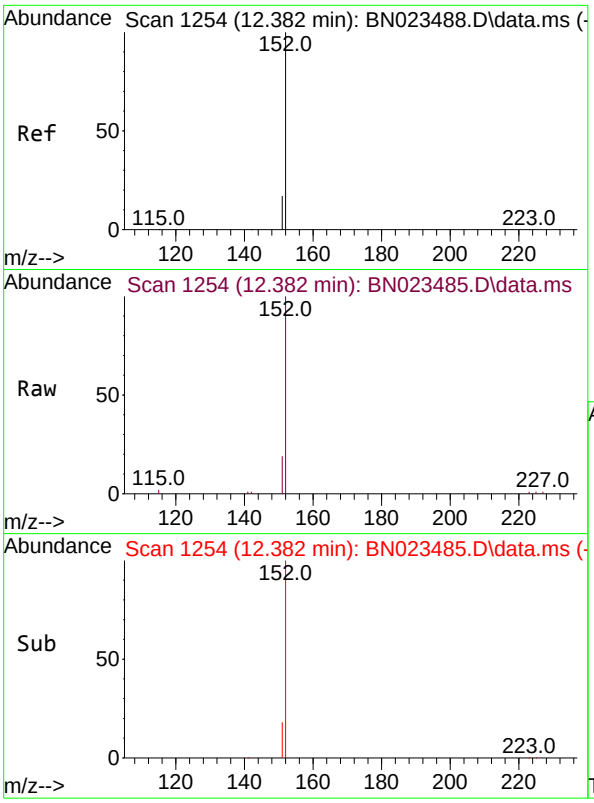


#10
Hexachlorobutadiene
Concen: 0.370 ng
RT: 11.128 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:225 Resp: 3146

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.8	77.8



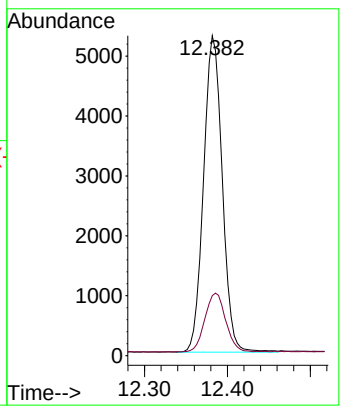


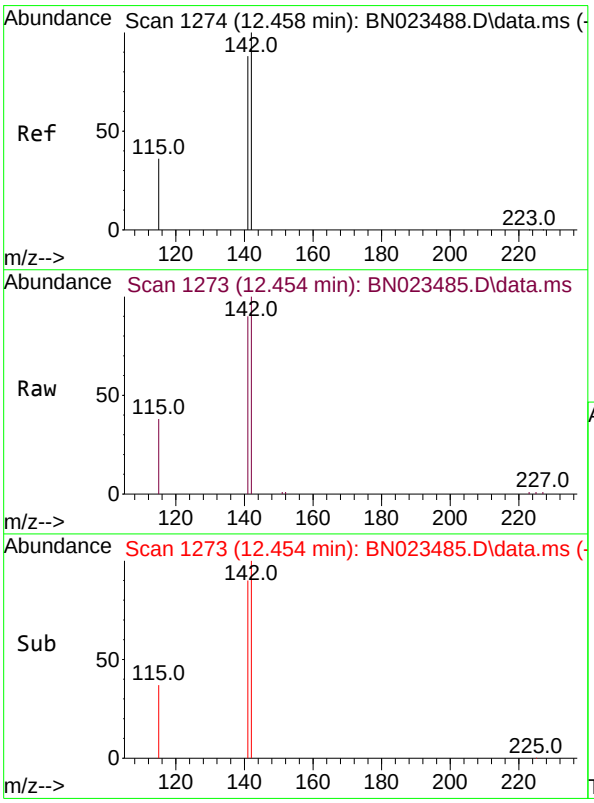
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.382 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8280

Ion	Ratio	Lower	Upper
152	100		
151	20.6	14.8	22.2

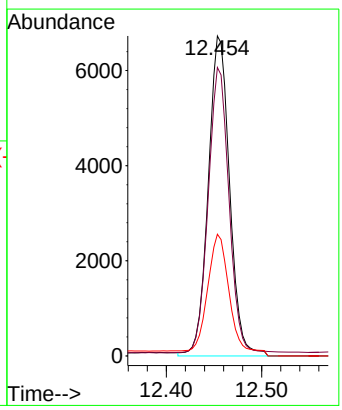


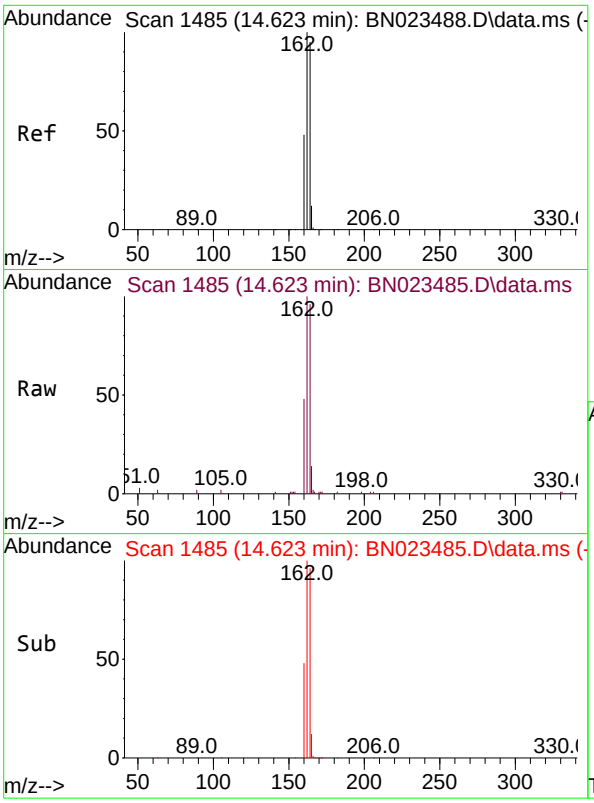


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.454 min Scan# 1273
Delta R.T. -0.004 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:142 Resp: 11224

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.5	105.7
115	38.0	29.5	44.3



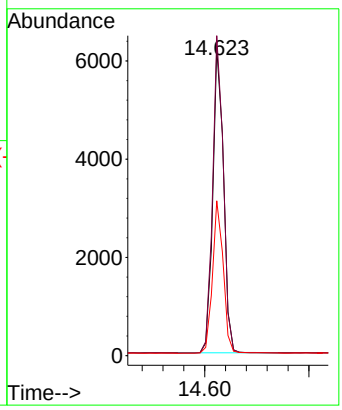


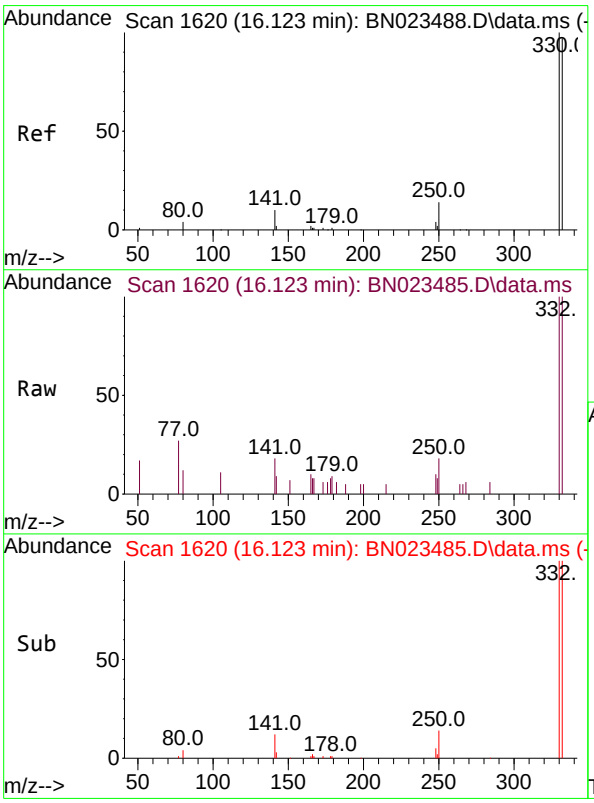
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8947

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.9	125.9
160	50.4	40.9	61.3

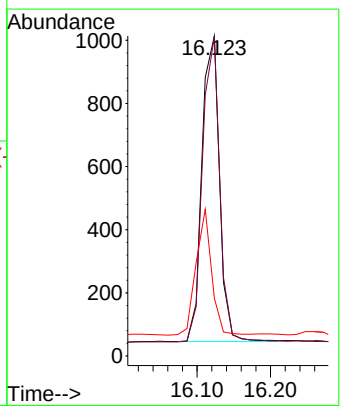


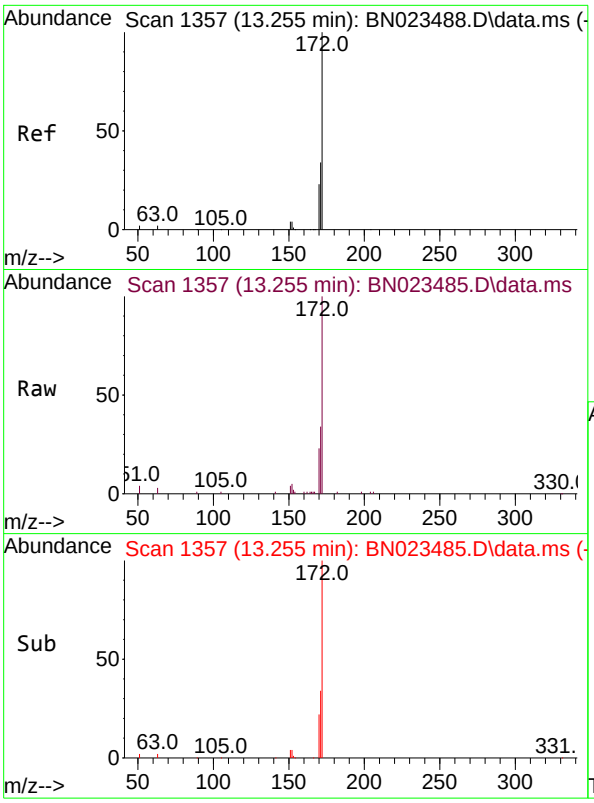


#14
2,4,6-Tribromophenol
Concen: 0.477 ng
RT: 16.123 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:330 Resp: 1608

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.7	115.1
141	36.6	29.8	44.6



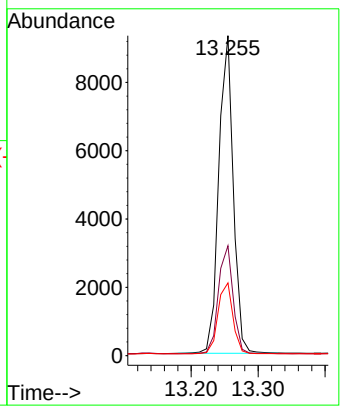


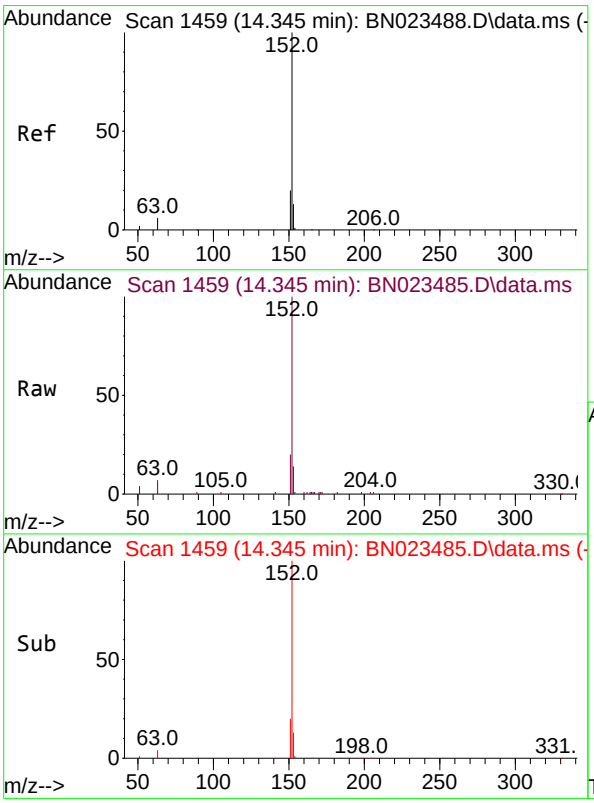
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13989

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.6	41.4
170	22.7	18.7	28.1

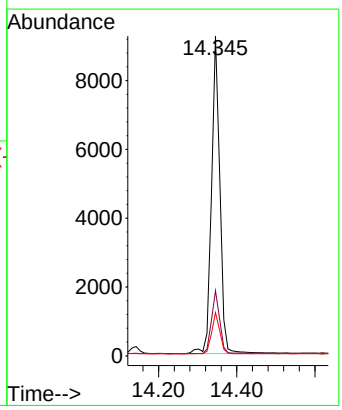


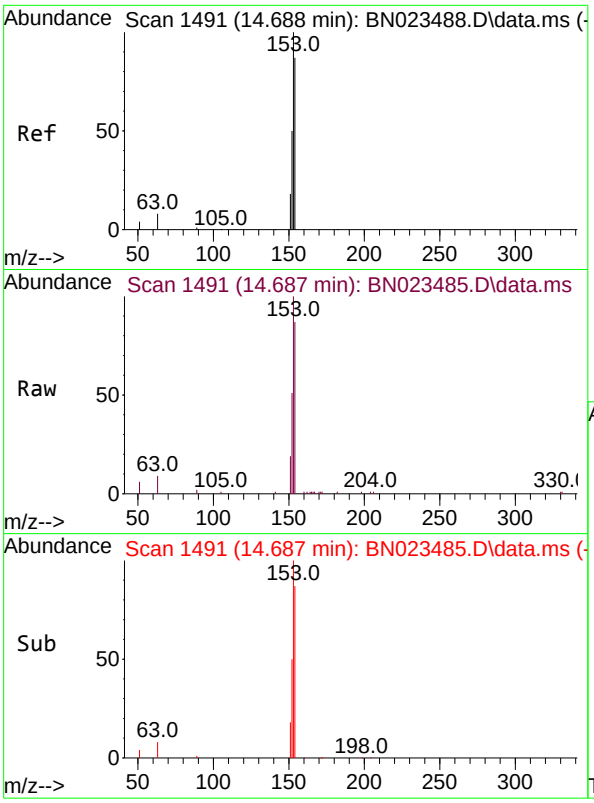


#16
Acenaphthylene
Concen: 0.320 ng
RT: 14.345 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:152 Resp: 13753

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	12.9	10.3	15.5



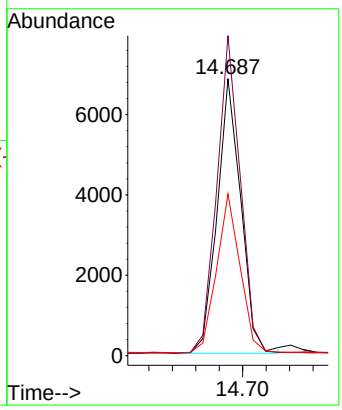


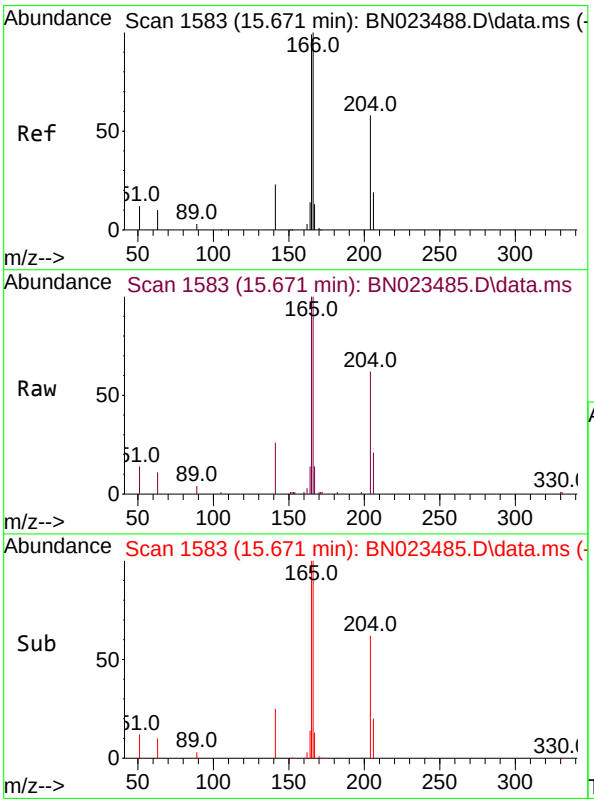
#17
Acenaphthene
Concen: 0.329 ng
RT: 14.687 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9615

Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.8	136.2
152	57.7	46.3	69.5

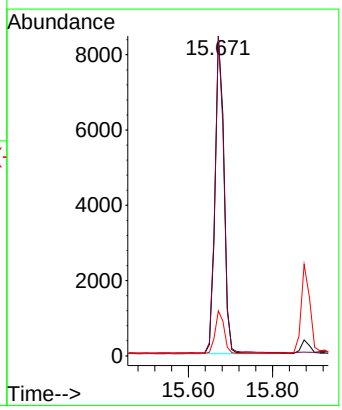


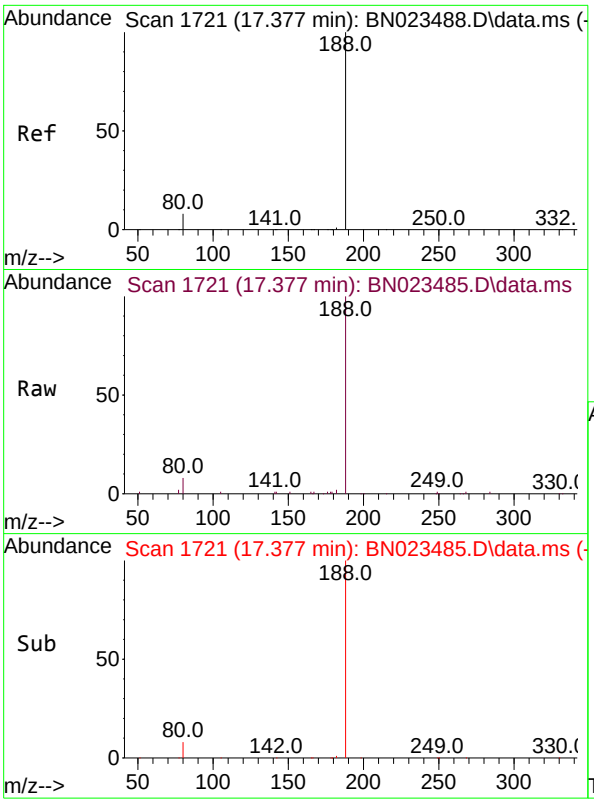


#18
Fluorene
Concen: 0.347 ng
RT: 15.671 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:166 Resp: 13248

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.0	118.6
167	12.9	10.6	16.0



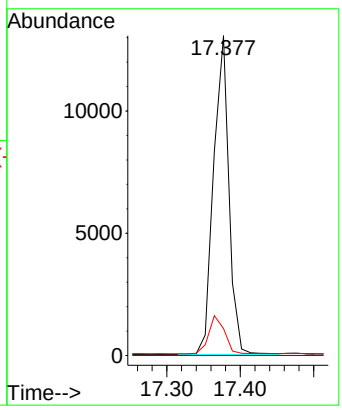


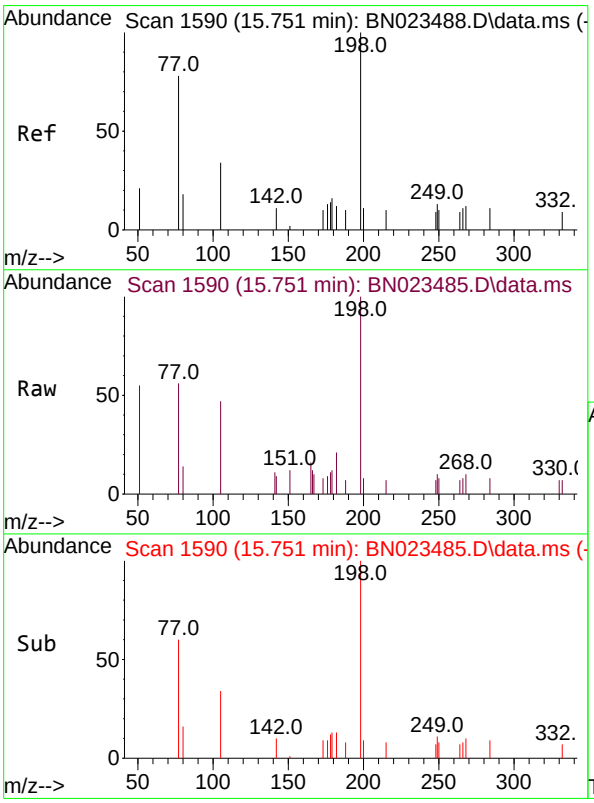
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.377 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 18967

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.7	10.1

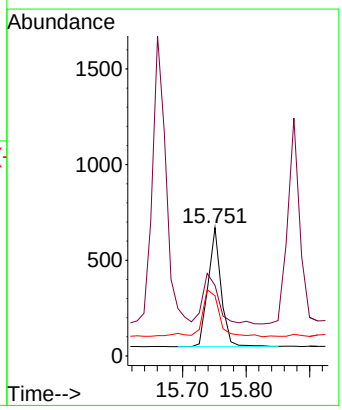


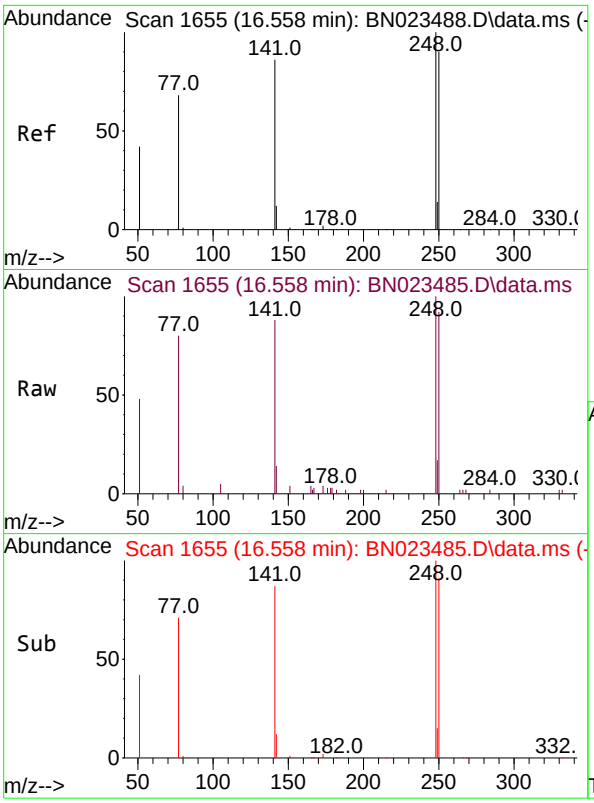


#20
4,6-Dinitro-2-methylphenol
Concen: 0.358 ng
RT: 15.751 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:198 Resp: 867

Ion	Ratio	Lower	Upper
198	100		
51	55.0	48.2	72.4
105	46.8	41.0	61.4



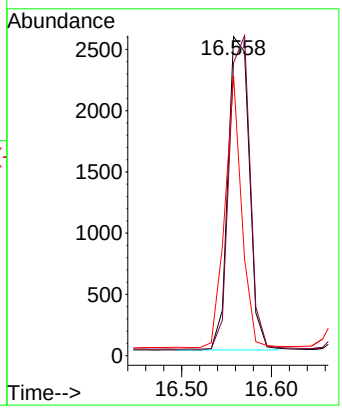


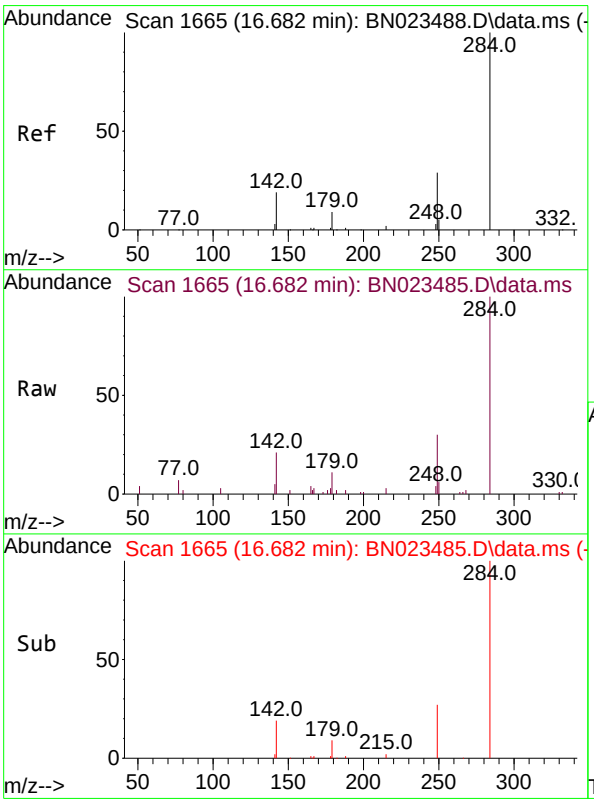
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.558 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4219

Ion	Ratio	Lower	Upper
248	100		
250	91.9	72.6	108.8
141	87.8	69.4	104.0

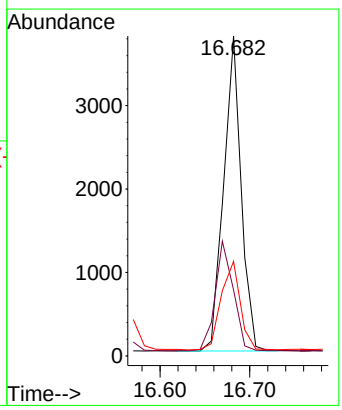


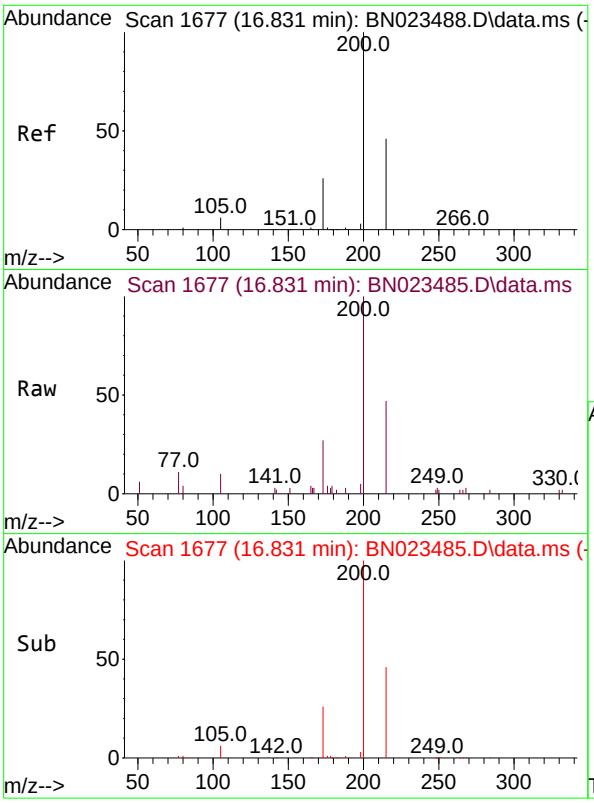


#22
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.682 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:284 Resp: 5108

Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.0	43.6
249	30.7	24.5	36.7



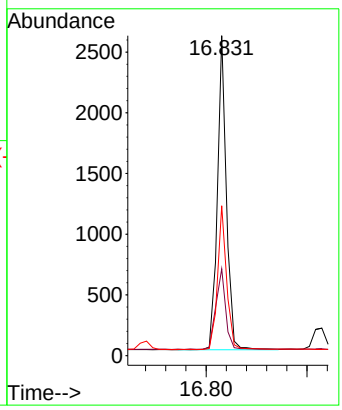


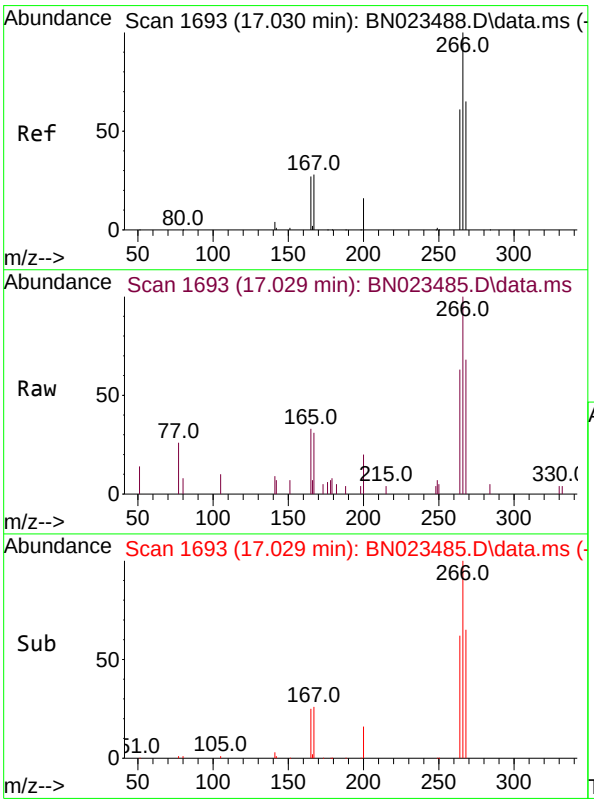
#23
Atrazine
Concen: 0.370 ng
RT: 16.831 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3217

Ion	Ratio	Lower	Upper
200	100		
173	27.1	22.1	33.1
215	46.9	38.2	57.2

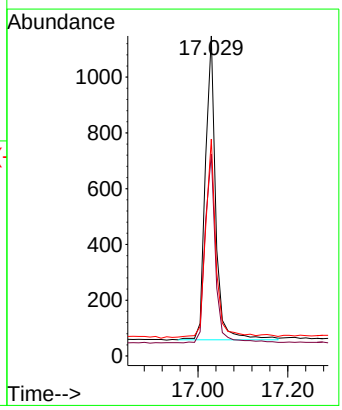


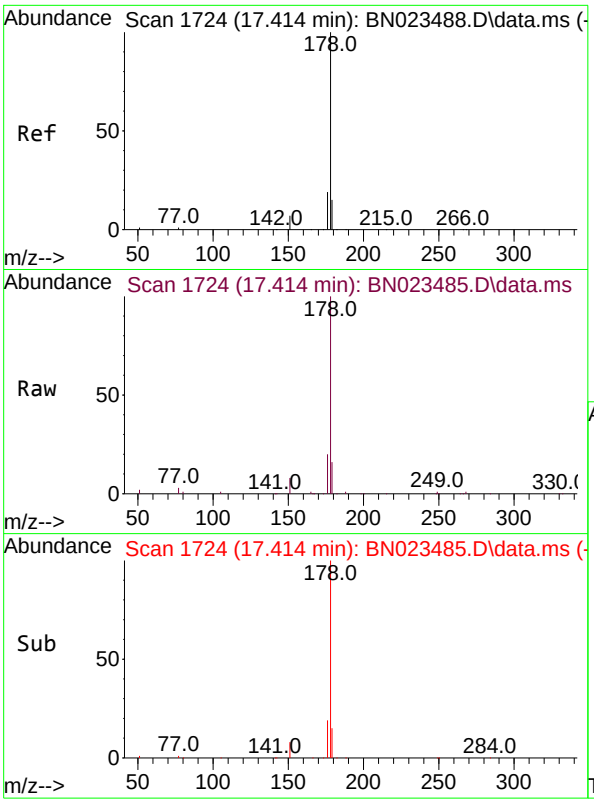


#24
Pentachlorophenol
Concen: 0.611 ng
RT: 17.029 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:266 Resp: 1754

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.7	74.5
268	63.9	51.4	77.0



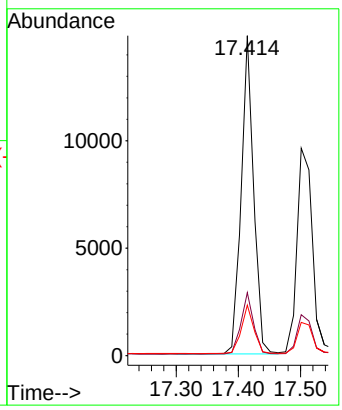


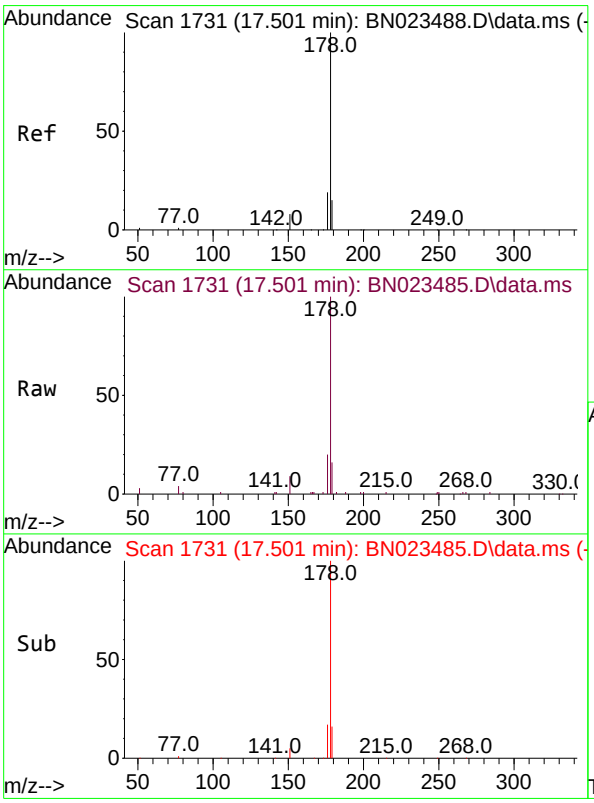
#25
Phenanthrene
Concen: 0.321 ng
RT: 17.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 20541

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.4	12.2	18.4

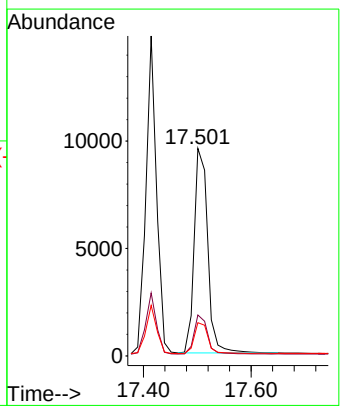


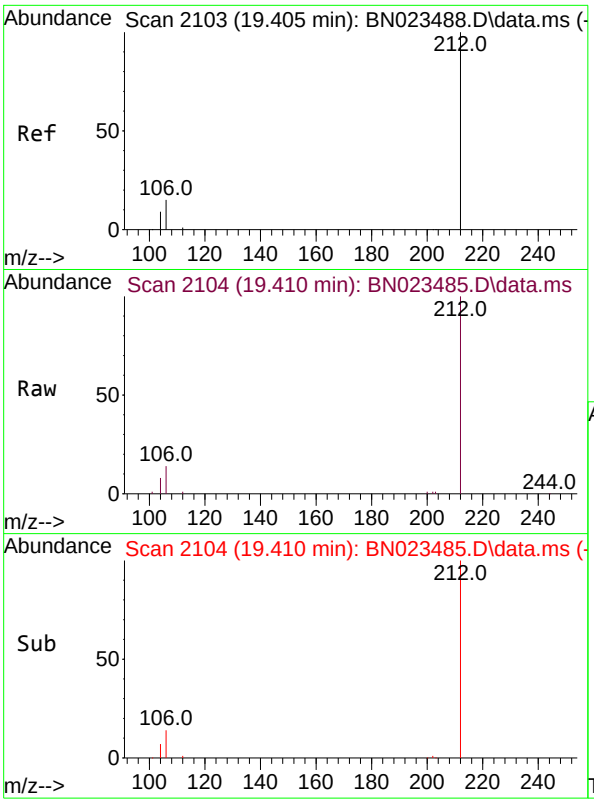


#26
Anthracene
Concen: 0.301 ng
RT: 17.501 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:178 Resp: 16573

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.5	12.3	18.5



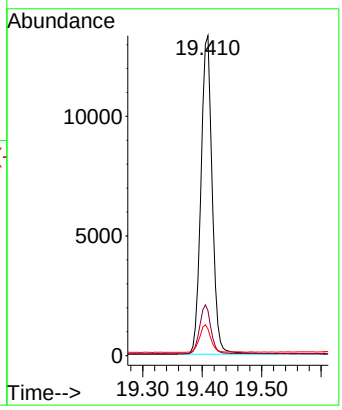


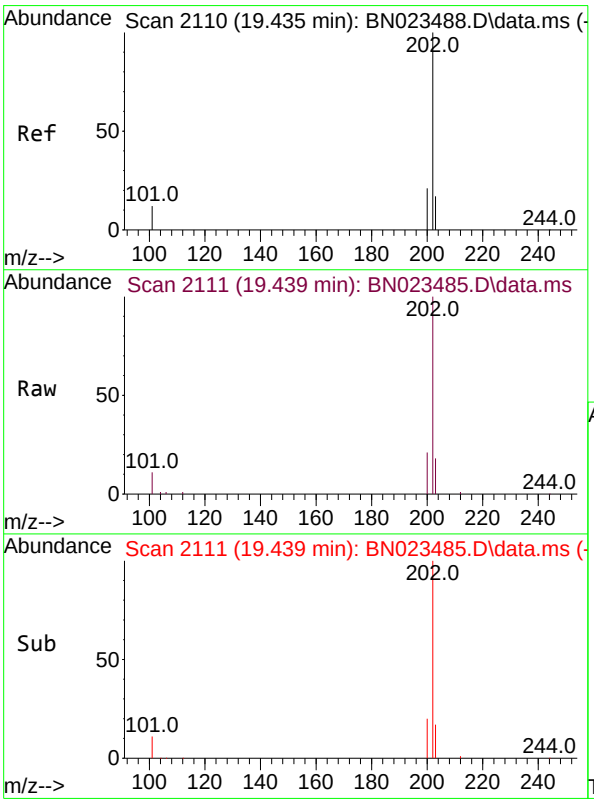
#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.410 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 17535

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.3	18.5
104	8.6	6.8	10.2

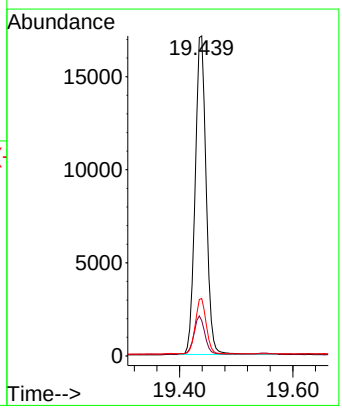


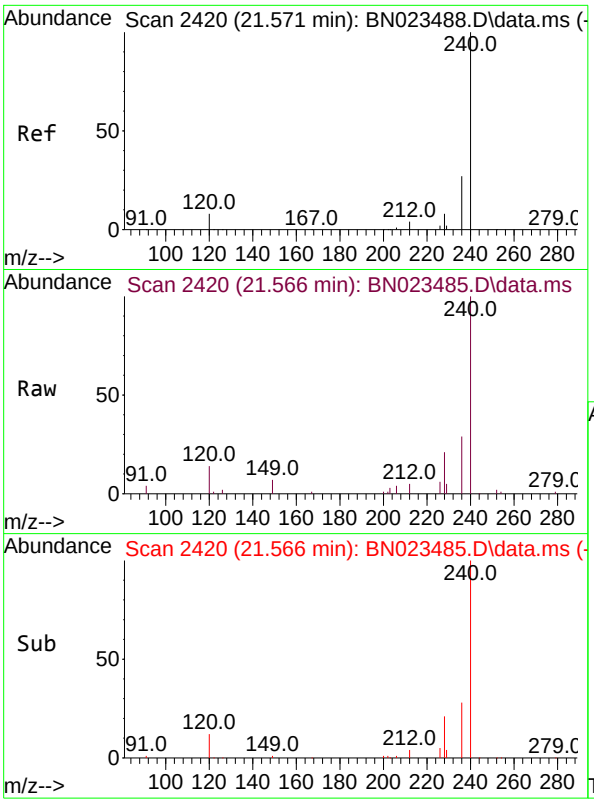


#28
Fluoranthene
Concen: 0.329 ng
RT: 19.439 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:202 Resp: 22956

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
203	17.1	13.8	20.8



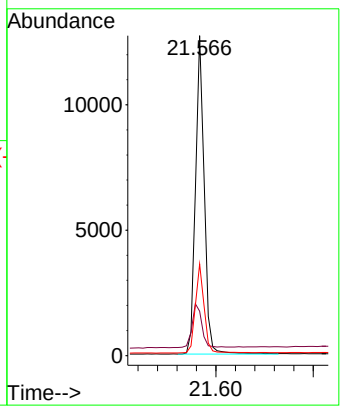


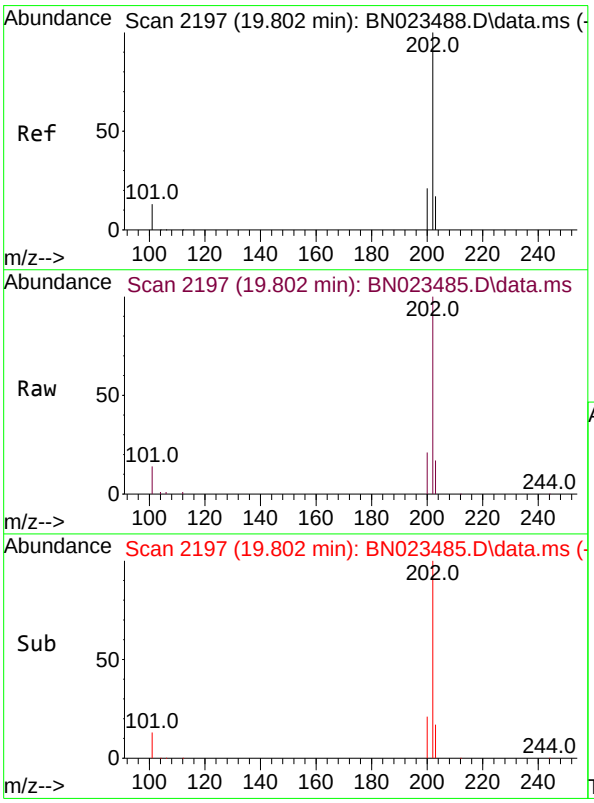
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.566 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15988

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.9	13.3#
236	28.6	22.5	33.7

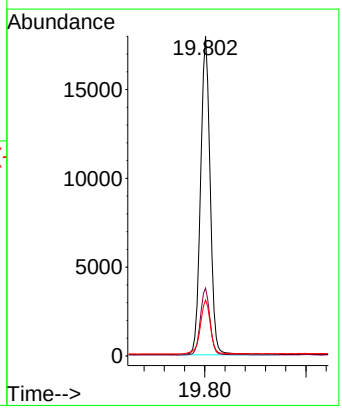


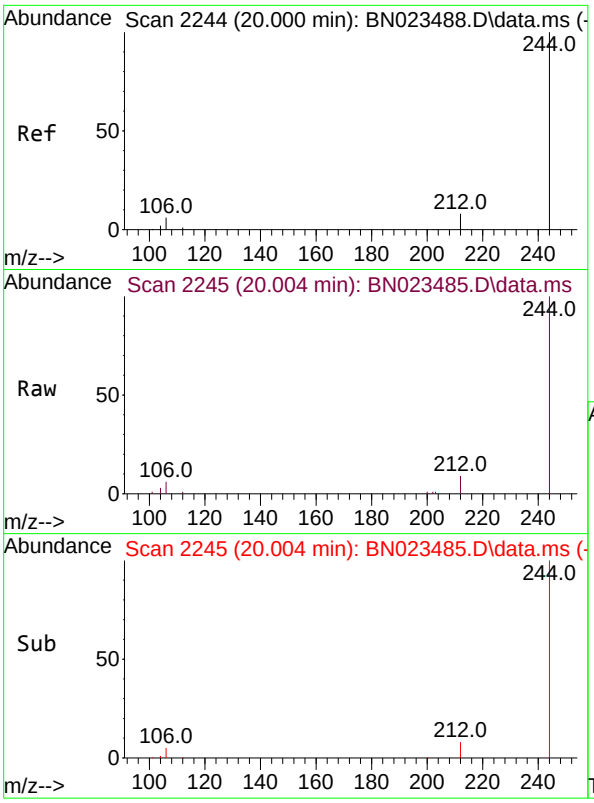


#30
Pyrene
Concen: 0.348 ng
RT: 19.802 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:202 Resp: 23550

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.8	14.4	21.6



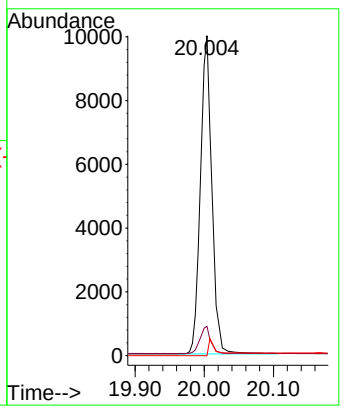


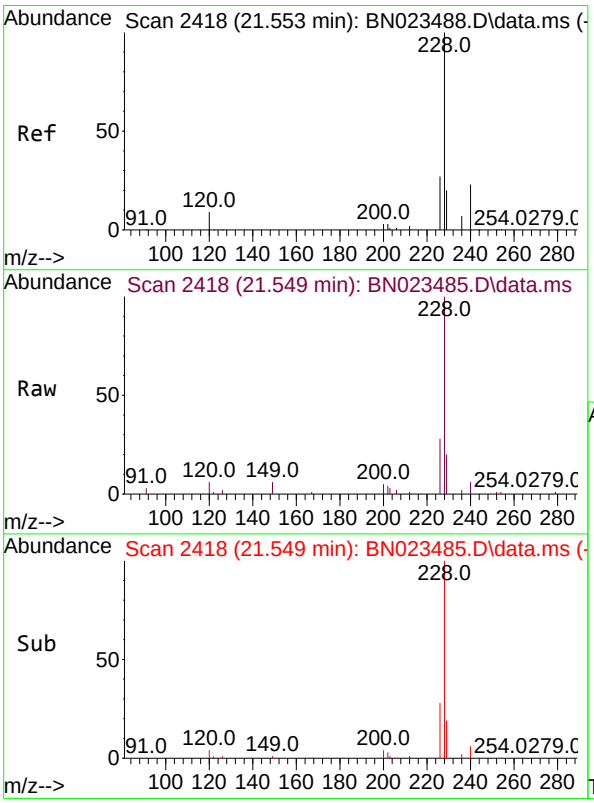
#31
Terphenyl-d14
Concen: 0.406 ng
RT: 20.004 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15510

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.0
122	0.0	0.0	0.0

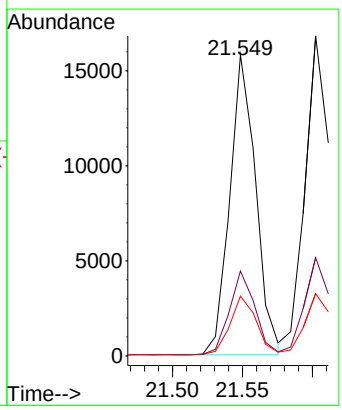


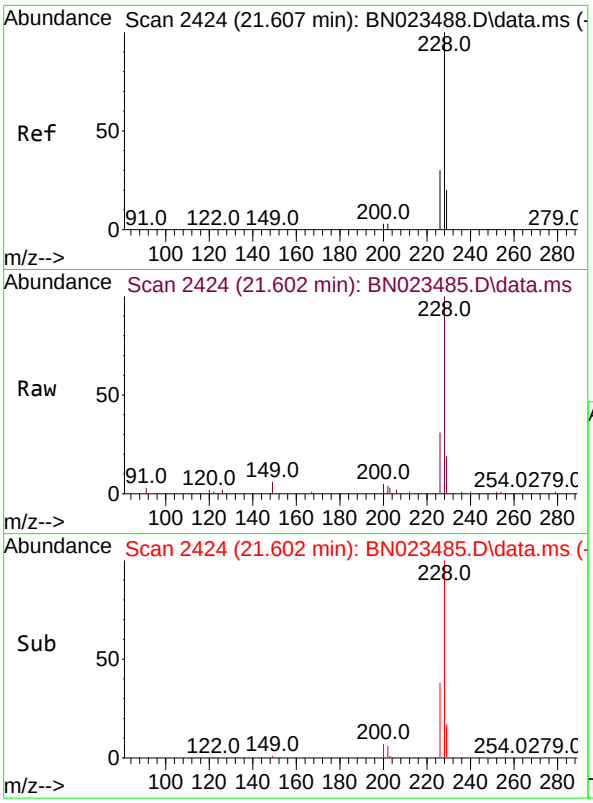


#32
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.549 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:228 Resp: 20371

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	19.8	16.0	24.0



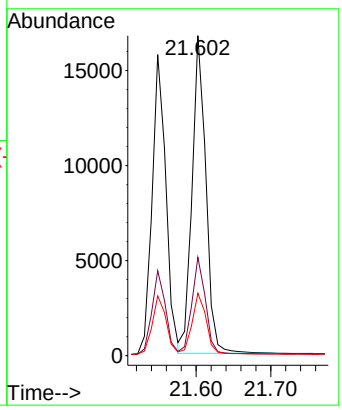


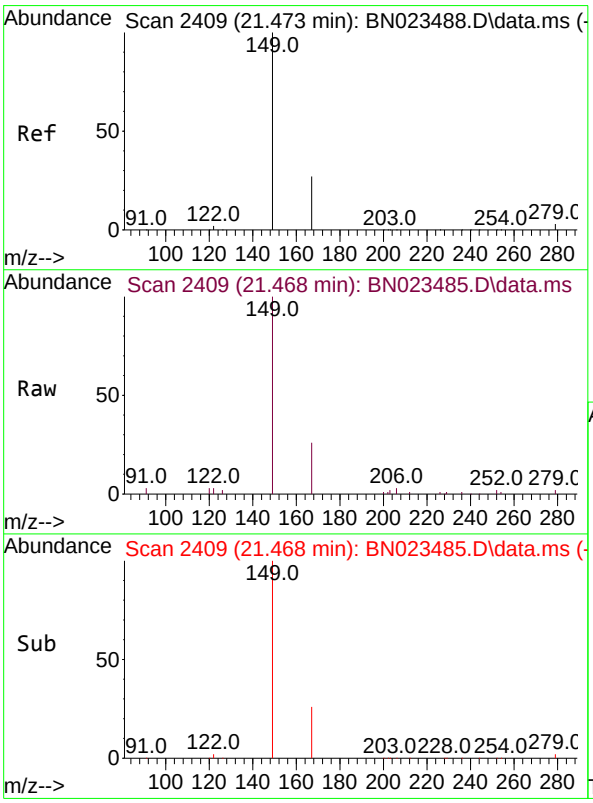
#33
Chrysene
Concen: 0.339 ng
RT: 21.602 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 21456

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.5	16.0	24.0

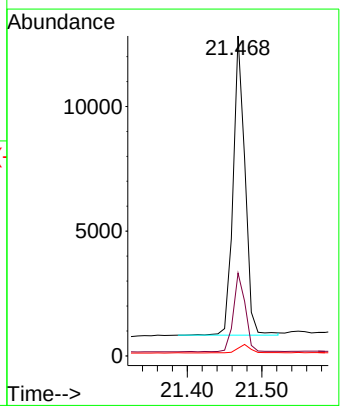


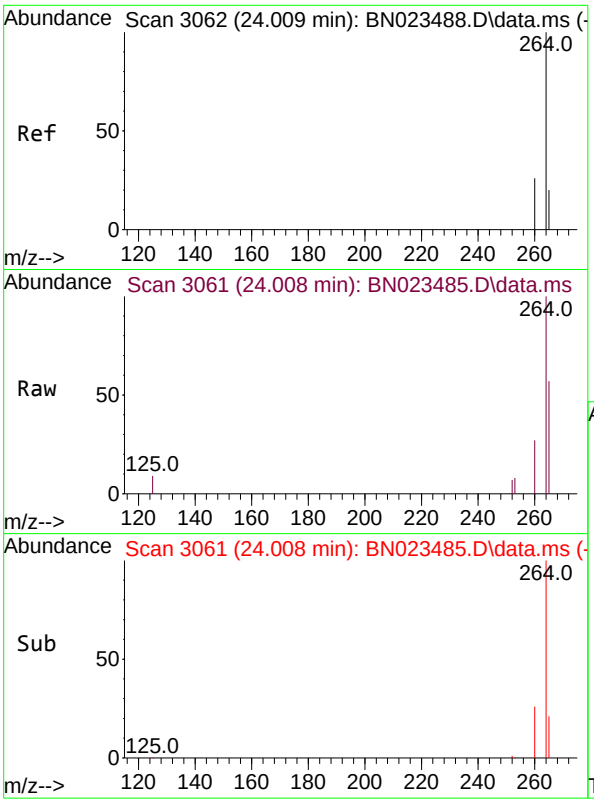


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.412 ng
RT: 21.468 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:149 Resp: 13252

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.6
279	3.2	2.2	3.4



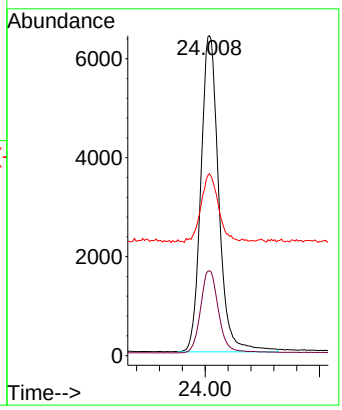


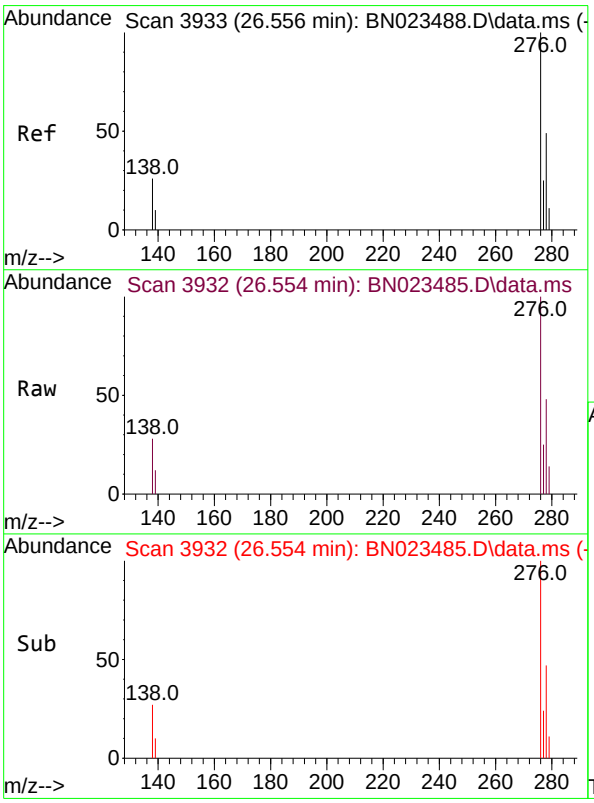
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.008 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 13901

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	56.8	48.9	73.3

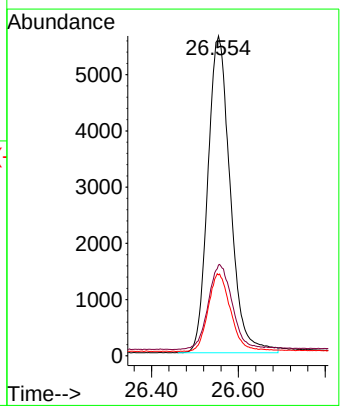


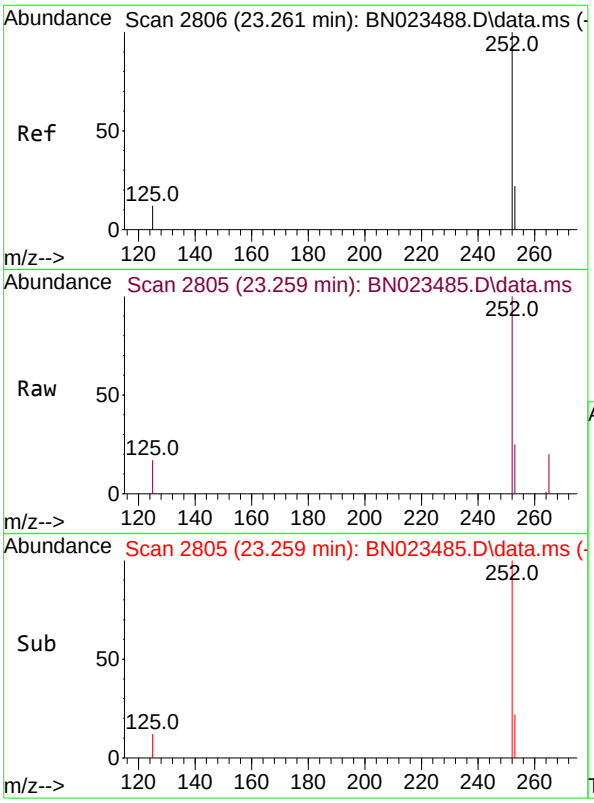


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 26.554 min Scan# 3932
Delta R.T. -0.002 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:276 Resp: 20219

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.0	34.6
277	24.3	19.5	29.3



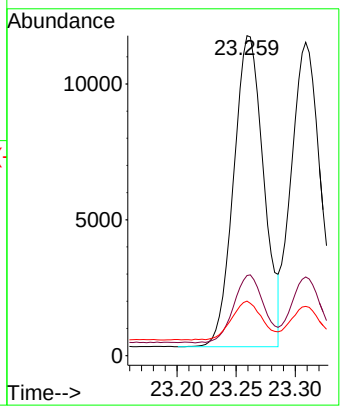


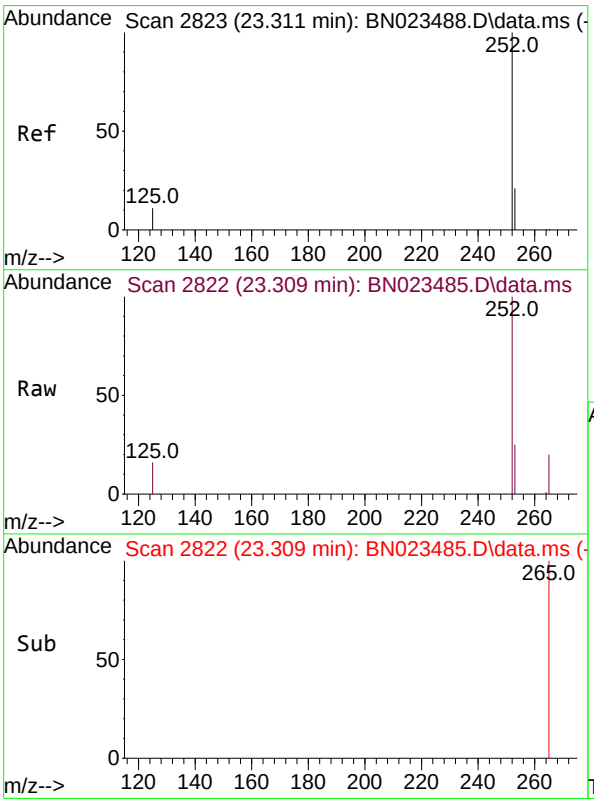
#37
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.259 min Scan# 28
Delta R.T. -0.002 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20244

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.7	31.1
125	17.0	13.4	20.2

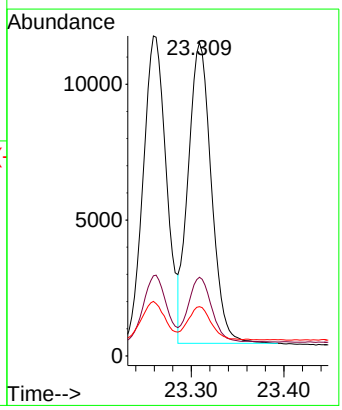


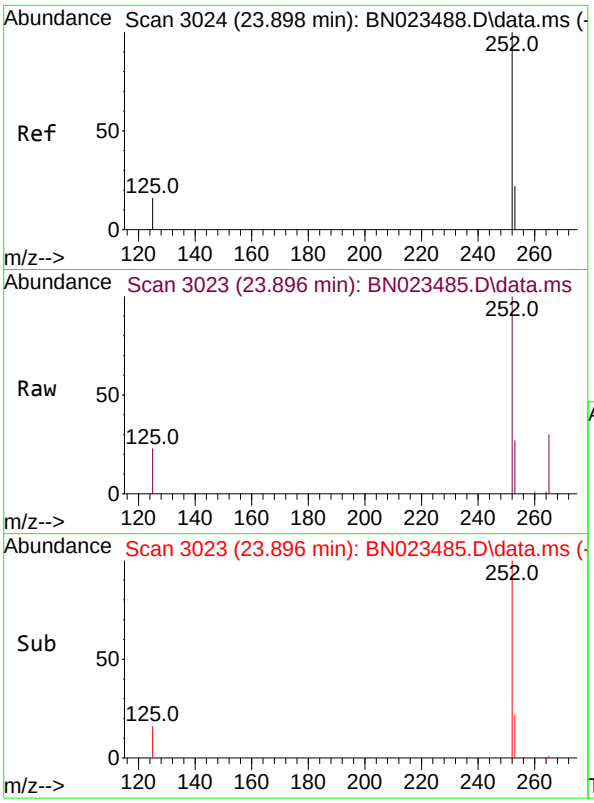


#38
Benzo(k)fluoranthene
Concen: 0.337 ng
RT: 23.309 min Scan# 2822
Delta R.T. -0.002 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:252 Resp: 19239

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.4
125	15.7	13.0	19.6



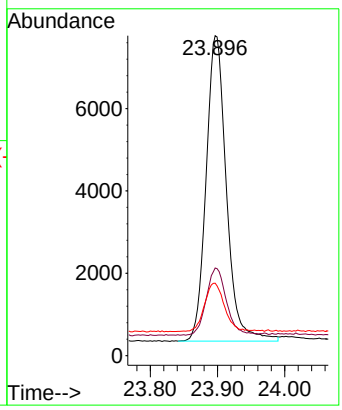


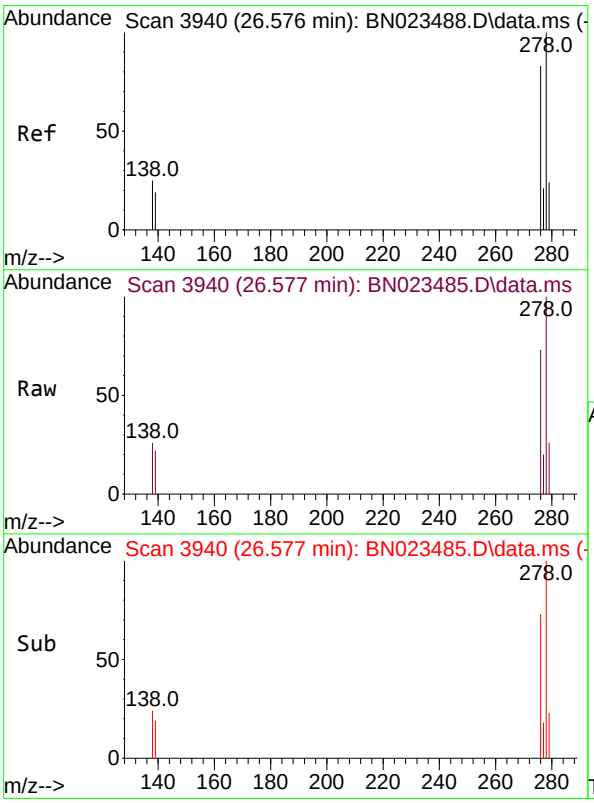
#39
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.896 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 15565

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.3	33.5
125	22.7	18.7	28.1

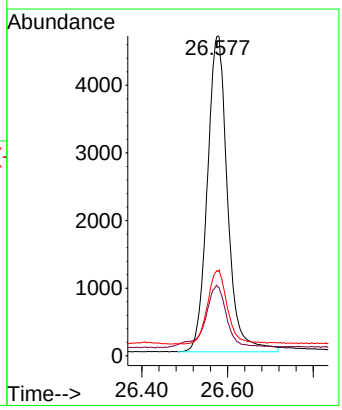


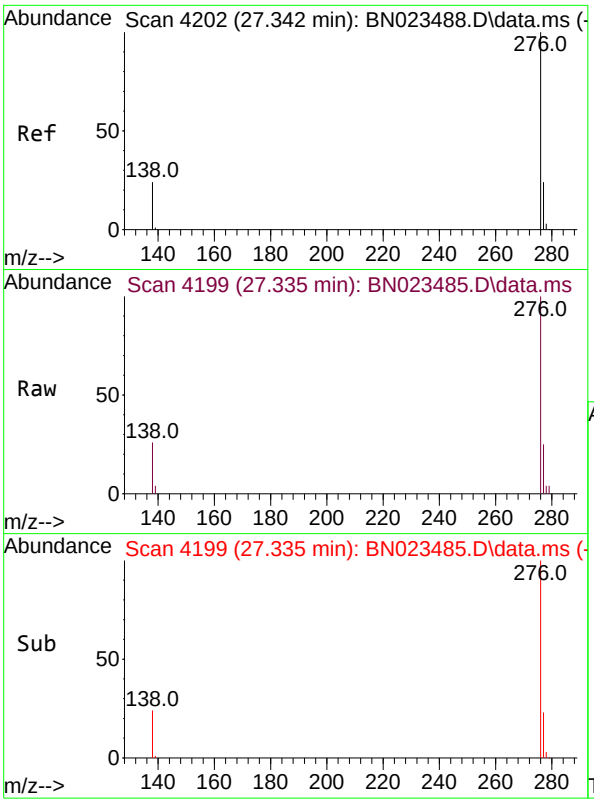


#40
Dibenzo(a,h)anthracene
Concen: 0.308 ng
RT: 26.577 min Scan# 3940
Delta R.T. 0.001 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Tgt Ion:278 Resp: 15273

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.7	26.5
279	26.4	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 0.329 ng
RT: 27.335 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN023485.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17836

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.0	30.0
138	26.5	20.6	31.0