Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031497.D
Acq On : 13 May 2024 10:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 13 12:27:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	11560	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	36546	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	19426	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	42787	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	33837	0.400	ng	0.00
35) Perylene-d12	23.502	264	31593	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	9135	0.278	ng	0.00
5) Phenol-d6	6.866	99	12502	0.283	ng	0.00
8) Nitrobenzene-d5	8.852	82	9154	0.349	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	20584	0.349	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	1705	0.231	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	29417	0.393	ng	-0.02
27) Fluoranthene-d10	19.110	212	39875	0.336	ng	0.00
31) Terphenyl-d14	19.718	244	26565	0.321	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	5408	0.380	ng	# 85
3) n-Nitrosodimethylamine	3.551	42	5621	0.400	ng	# 82
6) bis(2-Chloroethyl)ether	7.140	93	13905	0.361	ng	94
9) Naphthalene	10.539	128	36516	0.360	ng	96
10) Hexachlorobutadiene	10.827	225	6346	0.356	ng	# 99
12) 2-Methylnaphthalene	12.153	142	23278	0.336	ng	99
16) Acenaphthylene	14.060	152	30800	0.315	ng	100
17) Acenaphthene	14.402	154	21593	0.354	ng	96
18) Fluorene	15.386	166	27018	0.339	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1119	0.320	ng	# 46
21) 4-Bromophenyl-phenylether	16.284	248	8473	0.338	ng	95
22) Hexachlorobenzene	16.383	284	9941	0.393	ng	96
23) Atrazine	16.557	200	4889	0.215	ng	97
24) Pentachlorophenol	16.731	266	2238	0.251	ng	98
25) Phenanthrene	17.115	178	44322	0.370	ng	100
26) Anthracene	17.215	178	35942	0.303	ng	100
28) Fluoranthene	19.142	202	49207	0.338	ng	99
30) Pyrene	19.504	202	49121	0.359	ng	100
32) Benzo(a)anthracene	21.247	228	38523	0.295	ng	99
33) Chrysene	21.301	228	44535	0.358	ng	99
34) Bis(2-ethylhexyl)phtha...	21.202	149	12391	0.162	ng	96
36) Indeno(1,2,3-cd)pyrene	25.770	276	36536	0.290	ng	98
37) Benzo(b)fluoranthene	22.829	252	38331	0.338	ng	98
38) Benzo(k)fluoranthene	22.876	252	44594	0.415	ng	97
39) Benzo(a)pyrene	23.402	252	31048	0.315	ng	96
40) Dibenzo(a,h)anthracene	25.788	278	29418	0.295	ng	96
41) Benzo(g,h,i)perylene	26.452	276	30764	0.287	ng	98

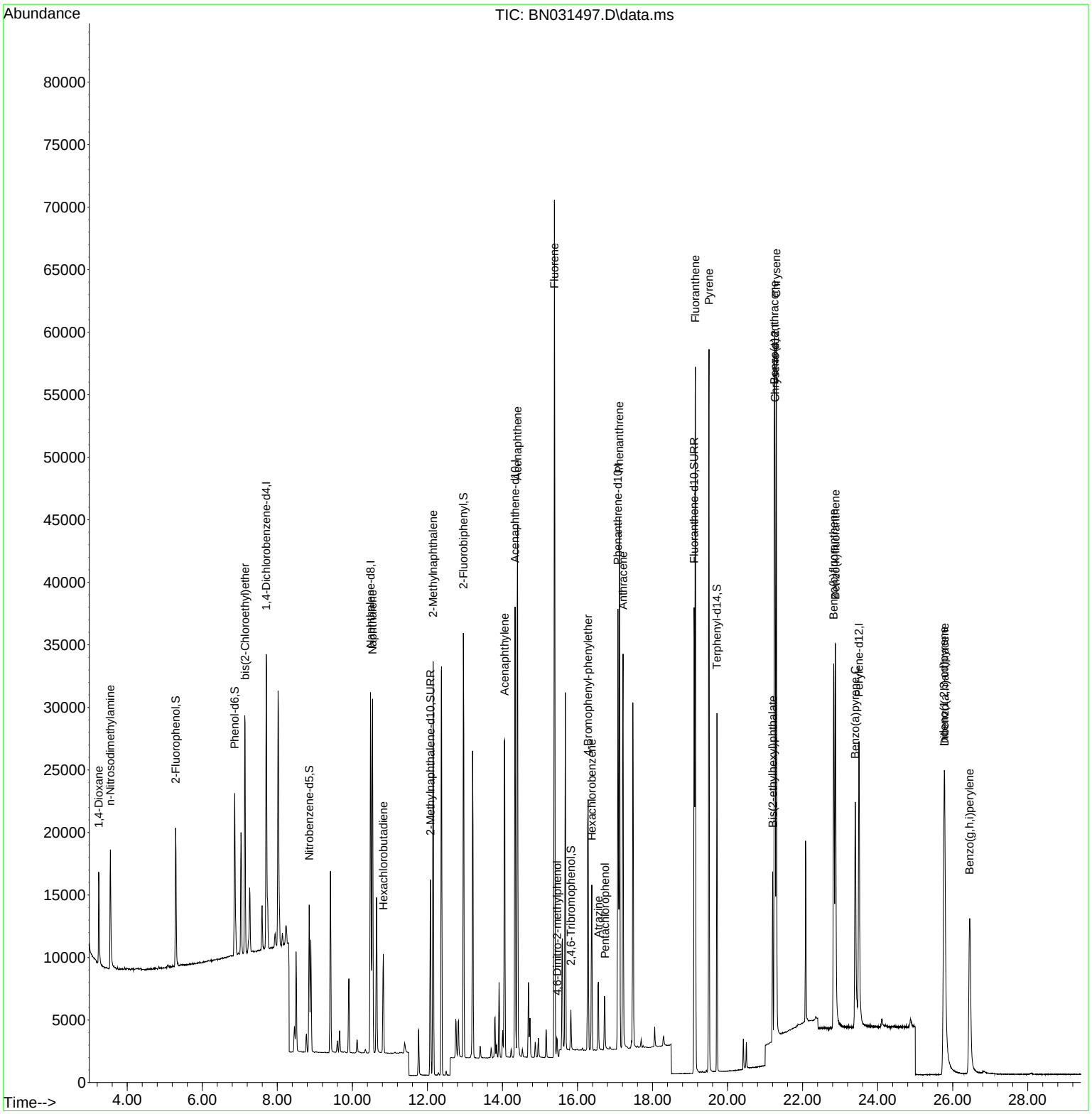
(#) = qualifier out of range (m) = manual integration (+) = signals summed

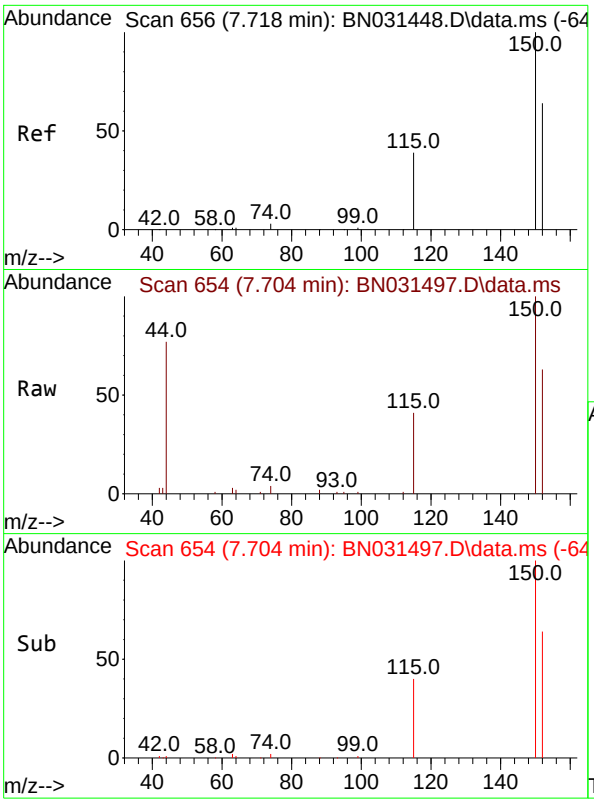
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031497.D
Acq On : 13 May 2024 10:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 13 12:27:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



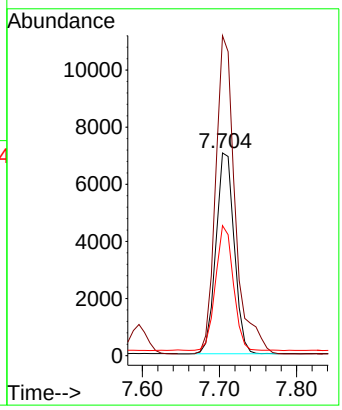


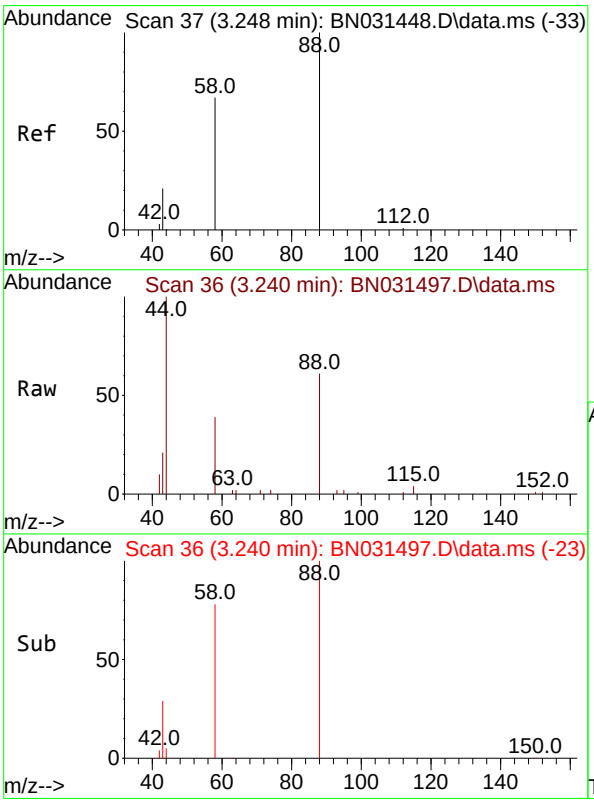
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11560

Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.3	178.9
115	64.1	54.8	82.2

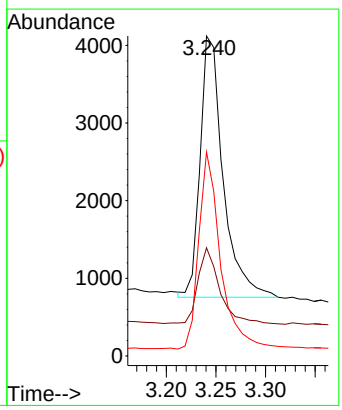


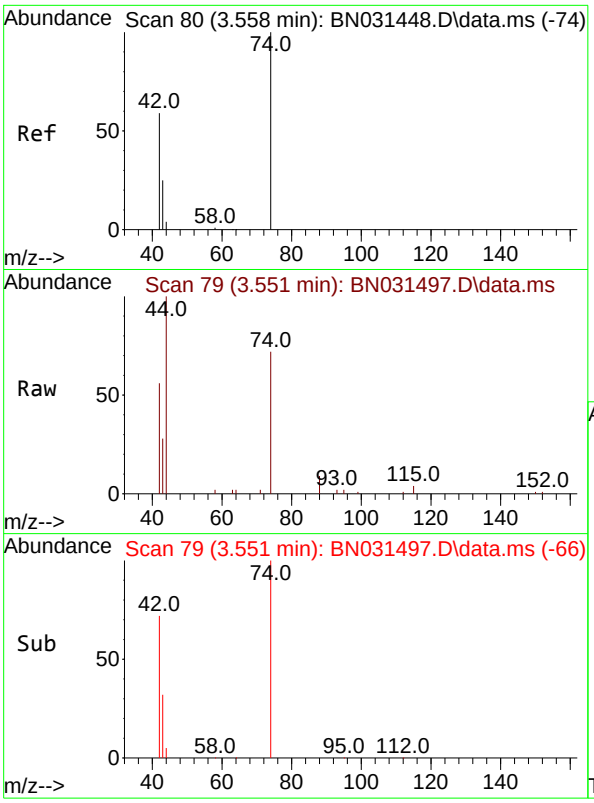


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.240 min Scan# 36
Delta R.T. -0.007 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion: 88 Resp: 5408

Ion	Ratio	Lower	Upper
88	100		
43	27.4	39.0	58.6#
58	71.0	54.9	82.3



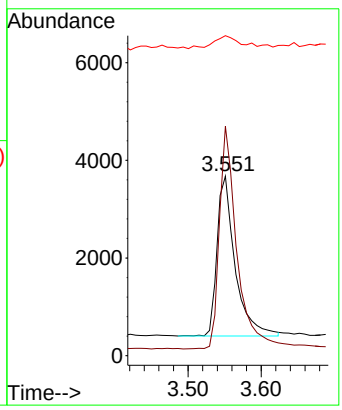


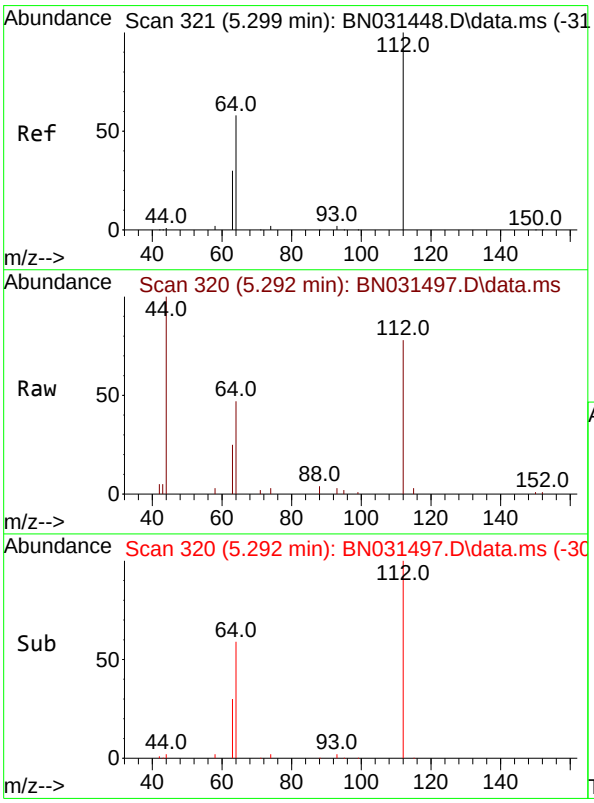
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.551 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 5621

Ion	Ratio	Lower	Upper
42	100		
74	134.3	126.4	189.6
44	11.6	6.9	10.3#

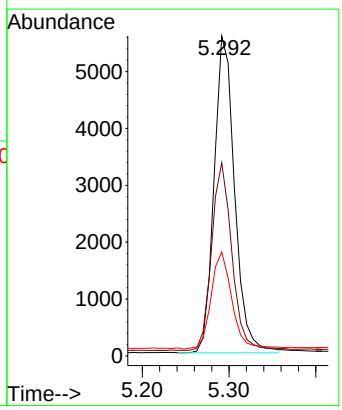


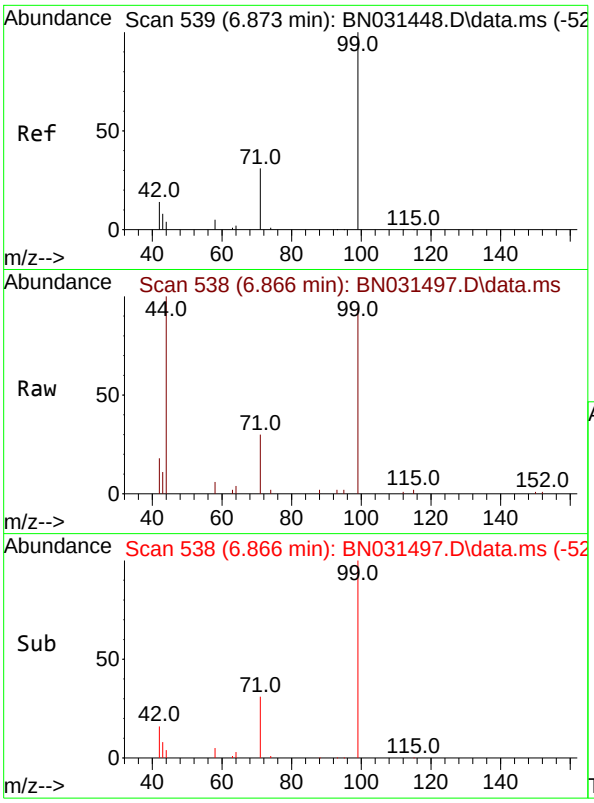


#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.292 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:112 Resp: 9135

Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.0	66.0
63	31.2	22.2	33.4



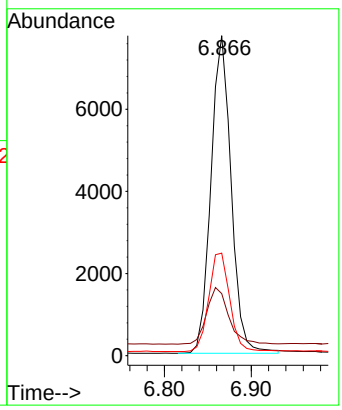


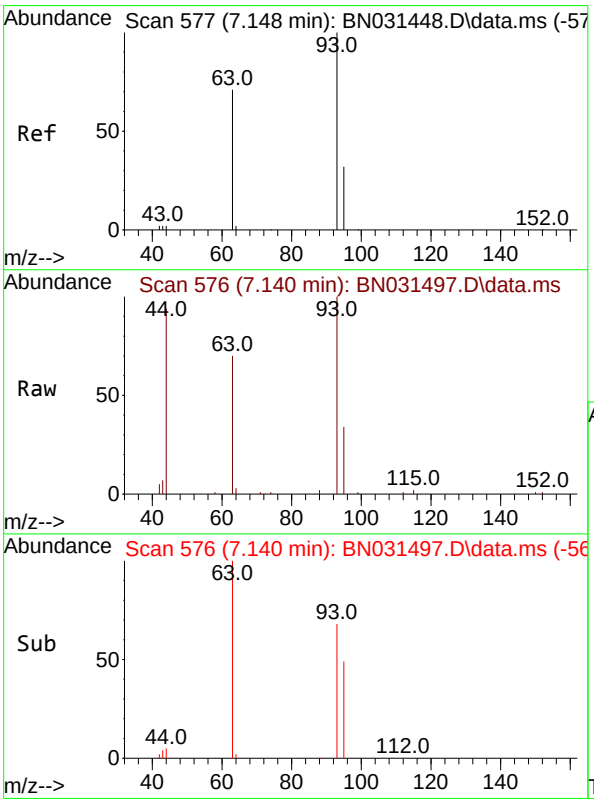
#5
Phenol-d6
Concen: 0.283 ng
RT: 6.866 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 12502

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.5	20.3
71	32.4	26.1	39.1

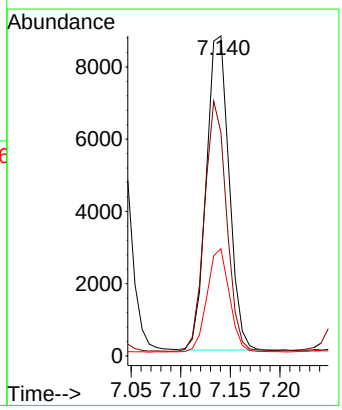


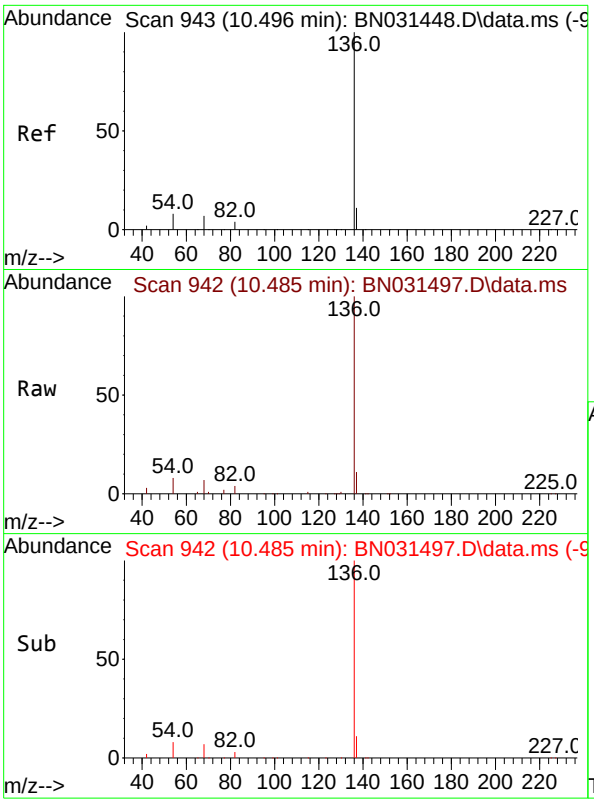


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.140 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion: 93 Resp: 13905

Ion	Ratio	Lower	Upper
93	100		
63	77.2	56.6	85.0
95	32.6	27.3	40.9



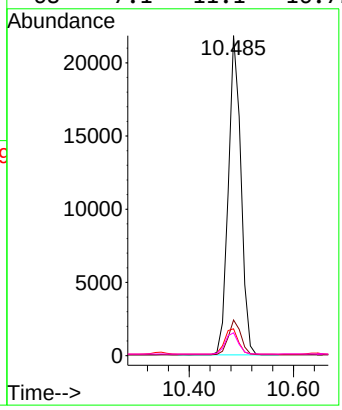


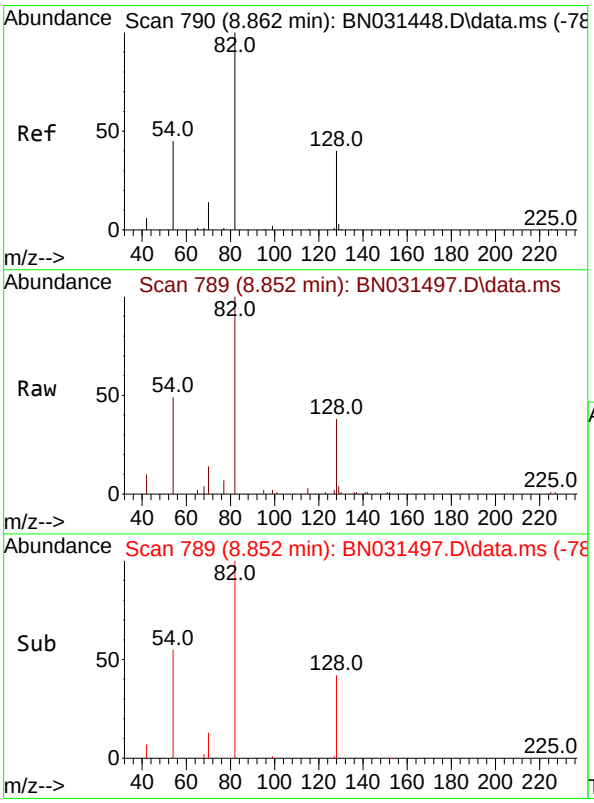
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 36546

Ion	Ratio	Lower	Upper
136	100		
137	11.2	10.1	15.1
54	8.4	10.5	15.7#
68	7.1	11.1	16.7#

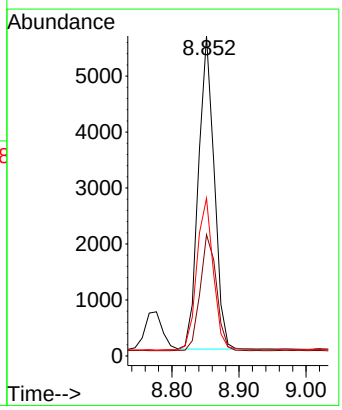


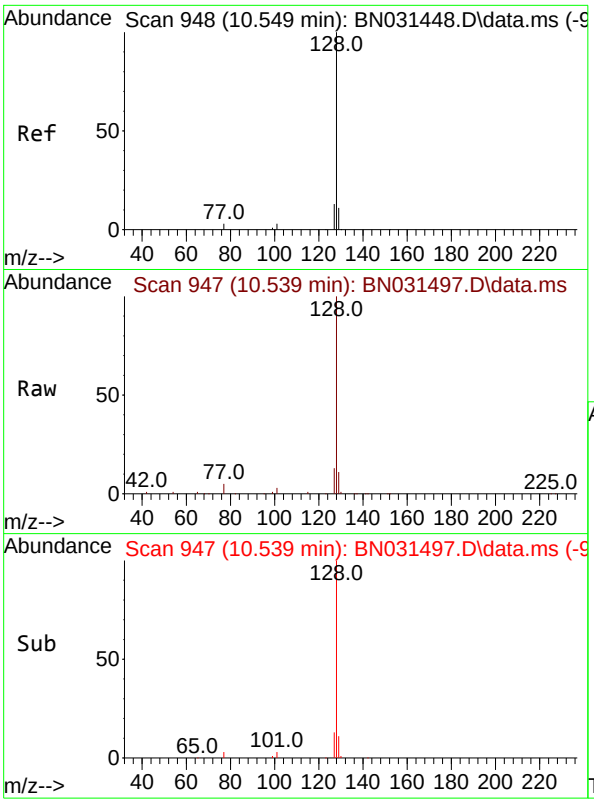


#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion: 82 Resp: 9154

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.0	43.6
54	49.3	37.2	55.8



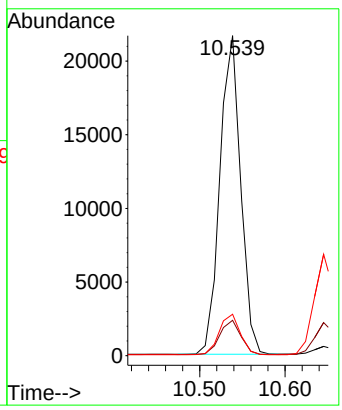


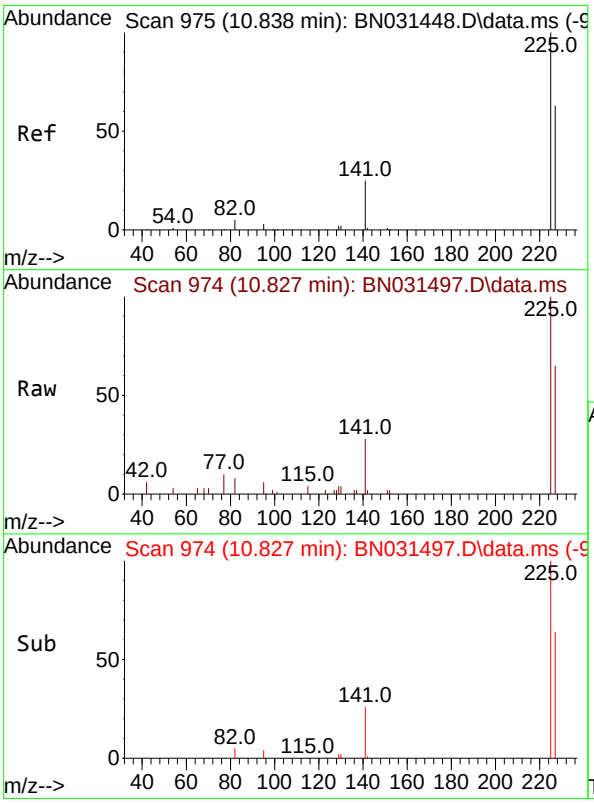
#9
Naphthalene
Concen: 0.360 ng
RT: 10.539 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 36516

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.2	15.4
127	12.9	11.7	17.5

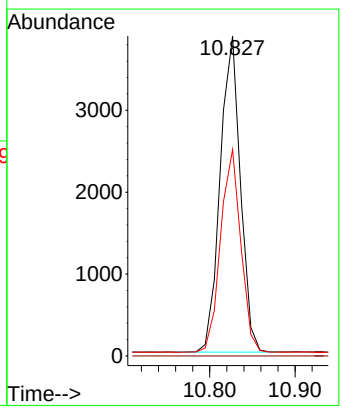


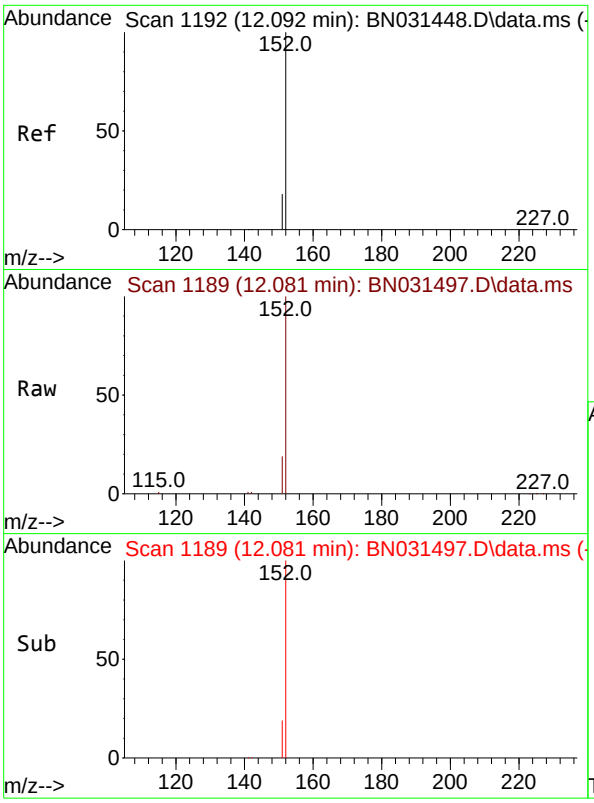


#10
Hexachlorobutadiene
Concen: 0.356 ng
RT: 10.827 min Scan# 974
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:225 Resp: 6346

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.7	76.1



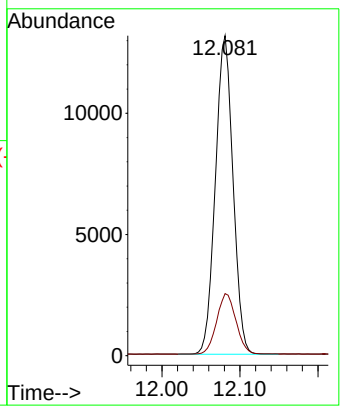


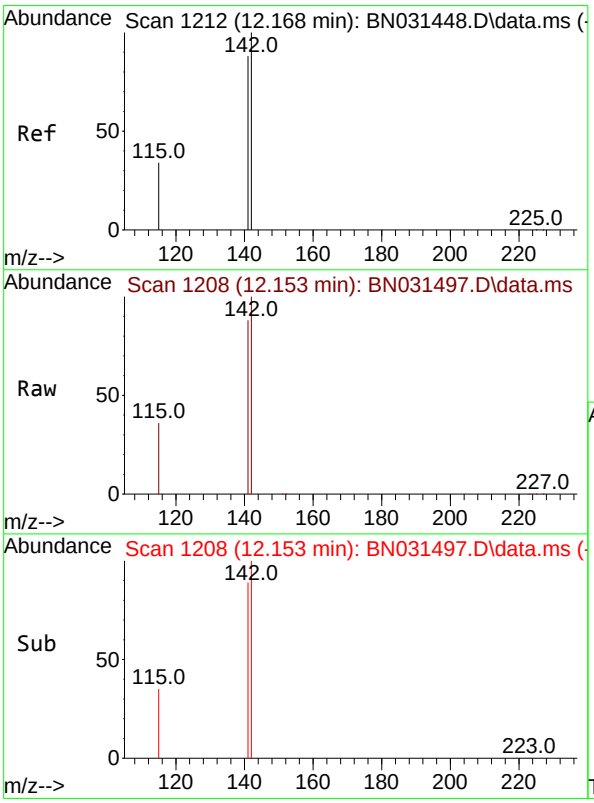
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.081 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 20584

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0

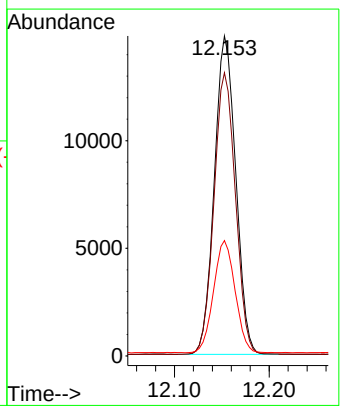


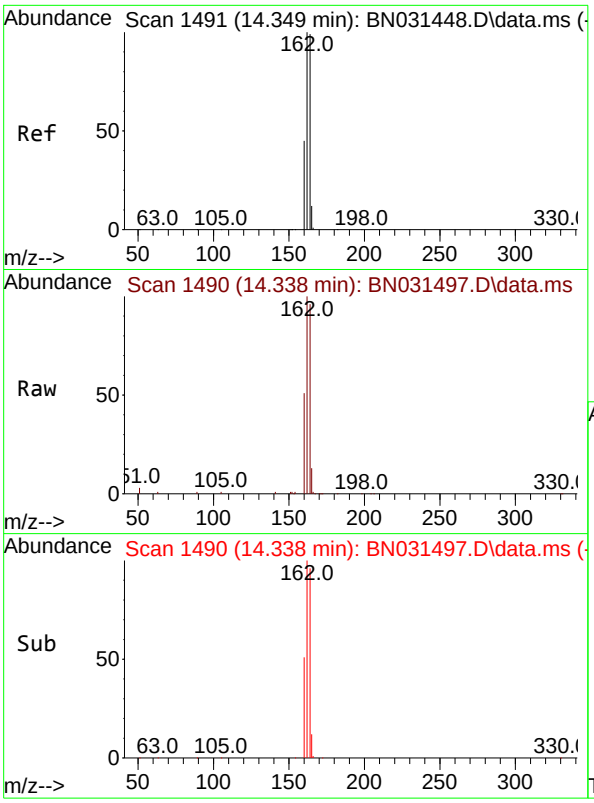


#12
2-Methylnaphthalene
Concen: 0.336 ng
RT: 12.153 min Scan# 1208
Delta R.T. -0.015 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:142 Resp: 23278

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	36.0	30.2	45.2



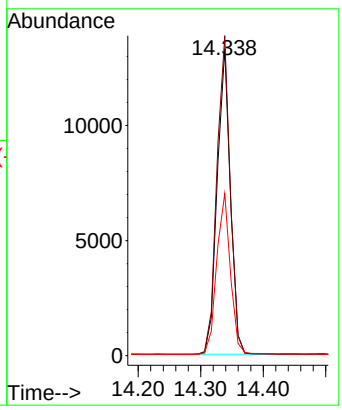


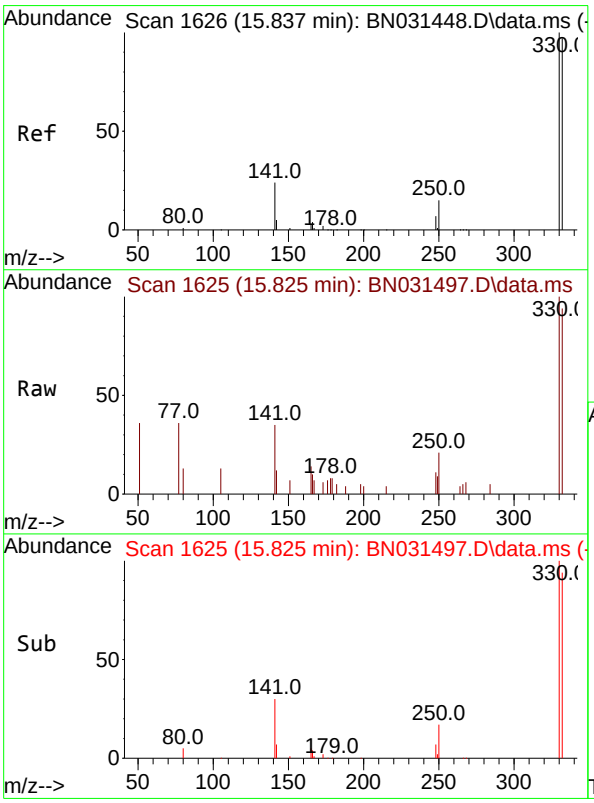
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 19426

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.2	121.8
160	52.8	37.0	55.6

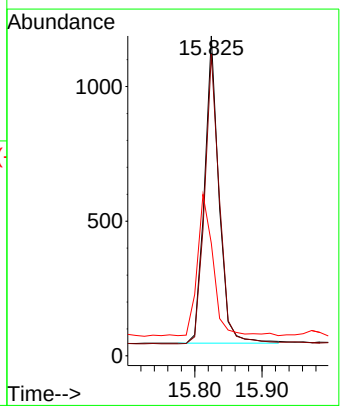


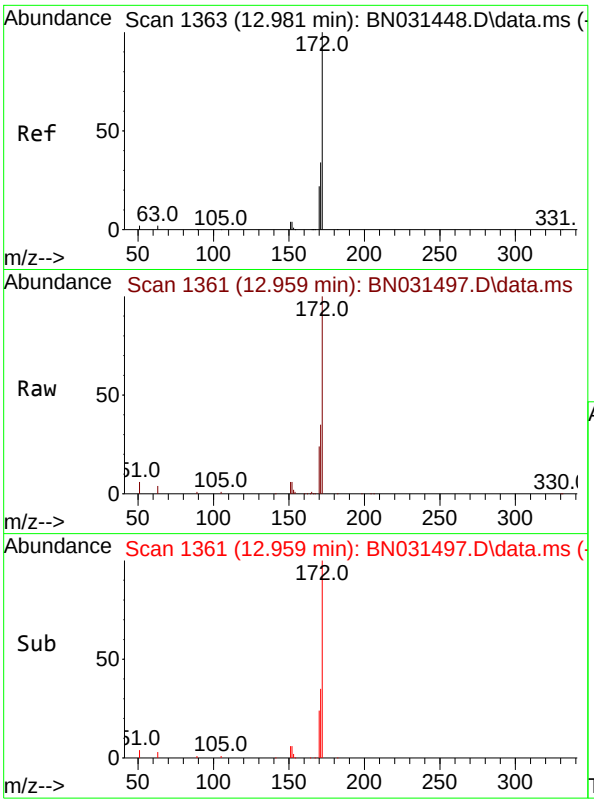


#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 15.825 min Scan# 1625
Delta R.T. -0.013 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:330 Resp: 1705

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	50.1	37.0	55.4



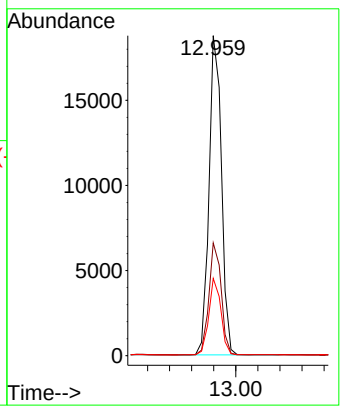


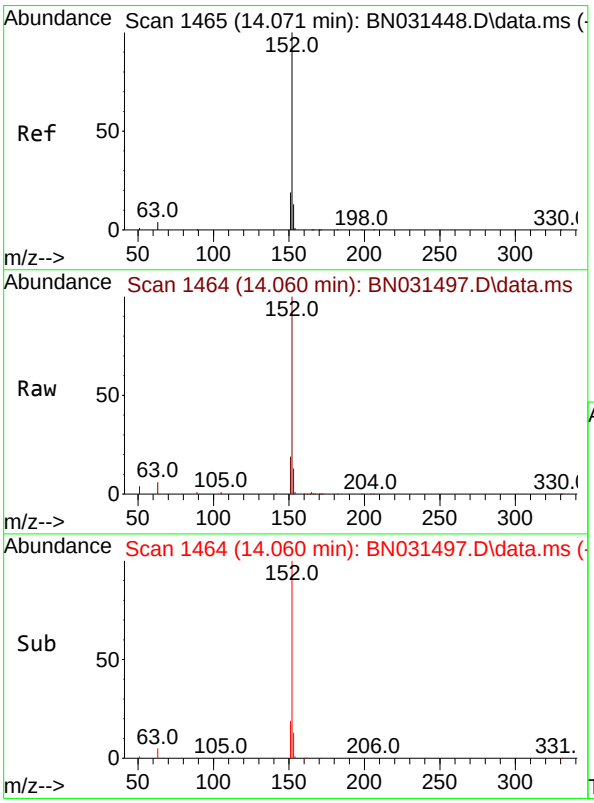
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.959 min Scan# 1
Delta R.T. -0.022 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 29417

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.2	18.3	27.5

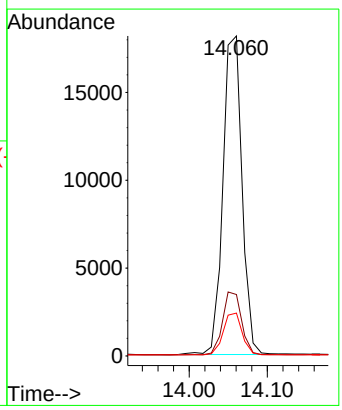


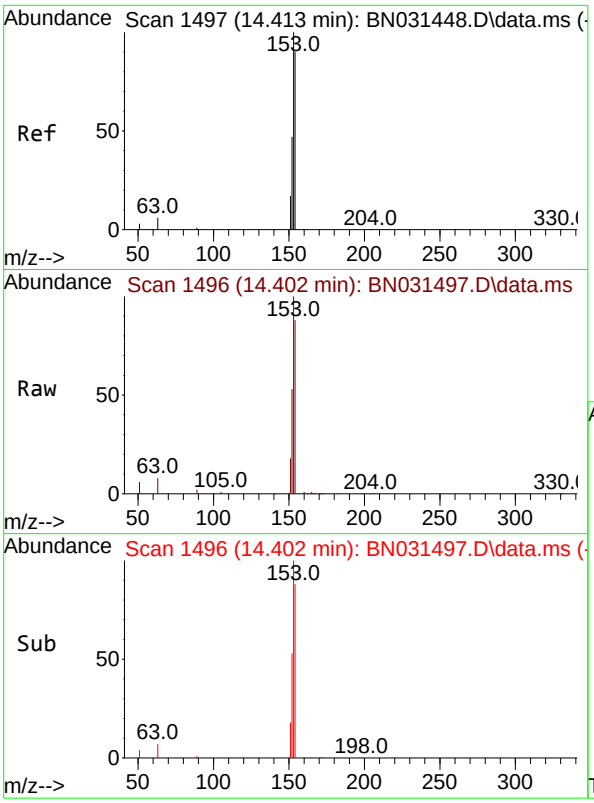


#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.060 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:152 Resp: 30800

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



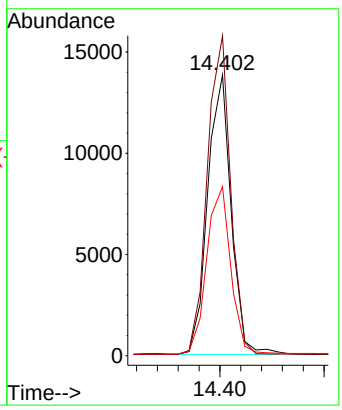


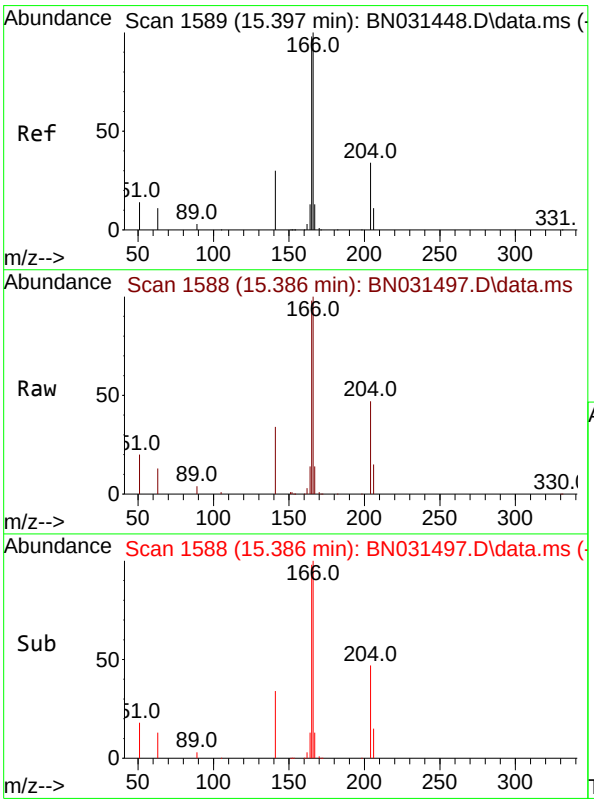
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.402 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 21593

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.1	133.7
152	61.2	42.6	64.0

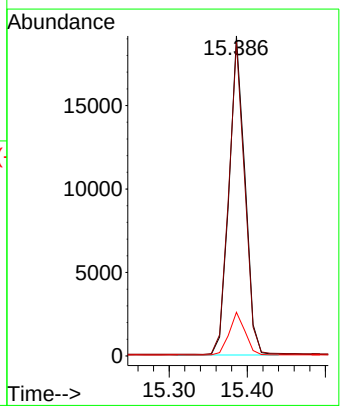


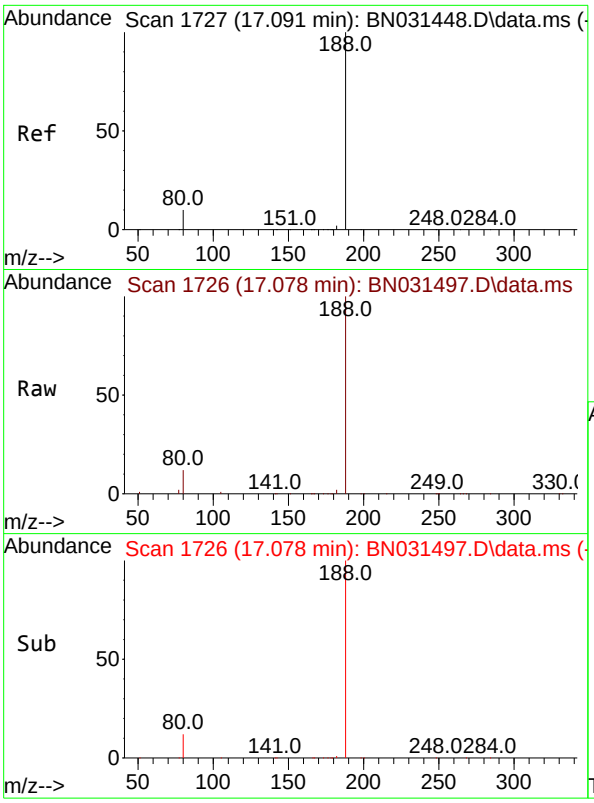


#18
Fluorene
Concen: 0.339 ng
RT: 15.386 min Scan# 1588
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:166 Resp: 27018

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.2
167	13.4	10.8	16.2



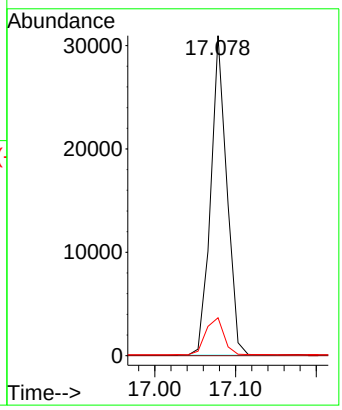


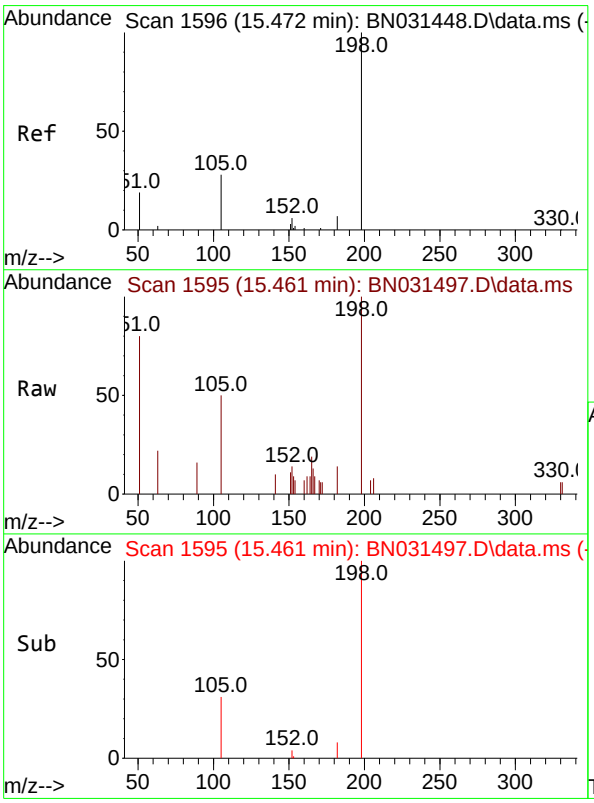
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 42787

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	9.6	14.4

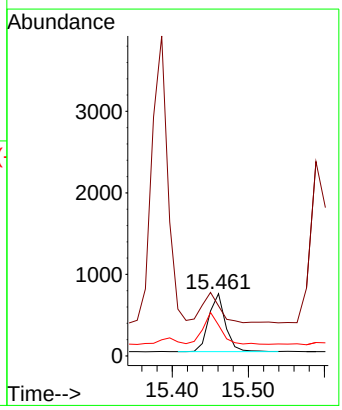


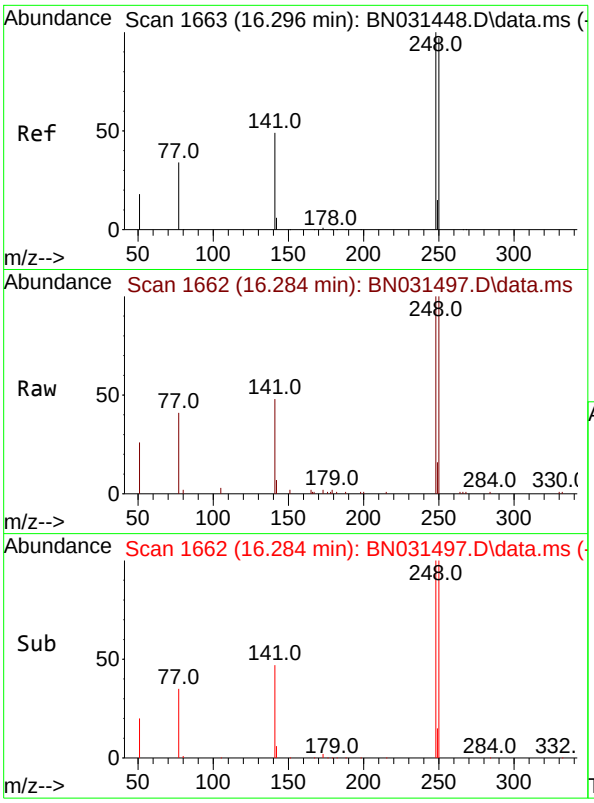


#20
4,6-Dinitro-2-methylphenol
Concen: 0.320 ng
RT: 15.461 min Scan# 1595
Delta R.T. -0.011 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:198 Resp: 1119

Ion	Ratio	Lower	Upper
198	100		
51	80.5	78.3	117.5
105	49.5	117.2	175.8#



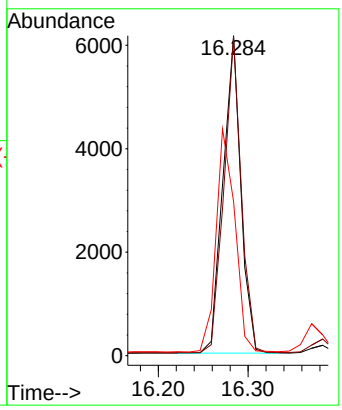


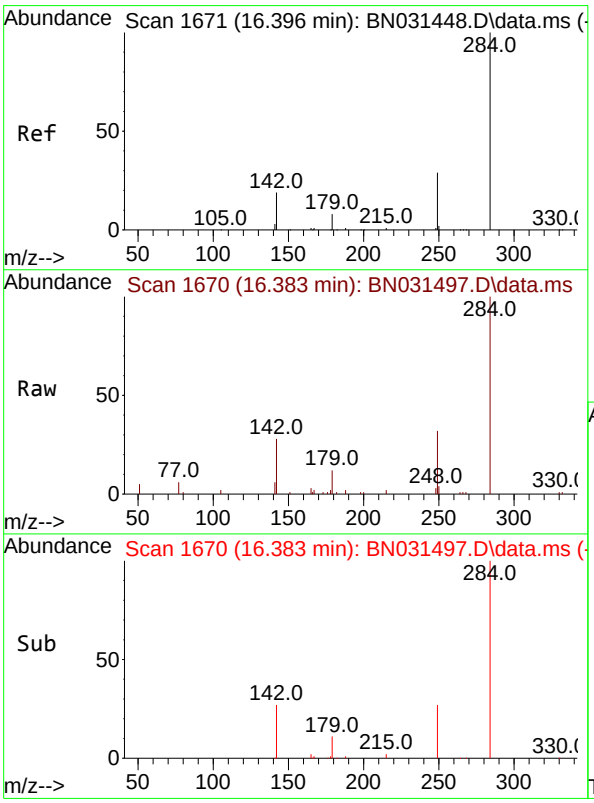
#21
4-Bromophenyl-phenylether
Concen: 0.338 ng
RT: 16.284 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 8473

Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.9	116.9
141	48.2	43.4	65.2

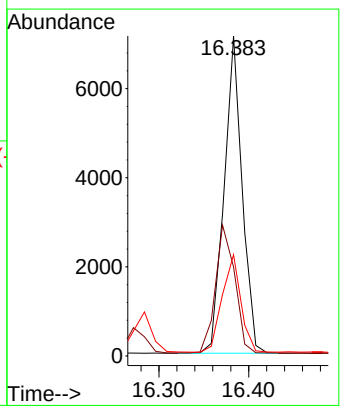


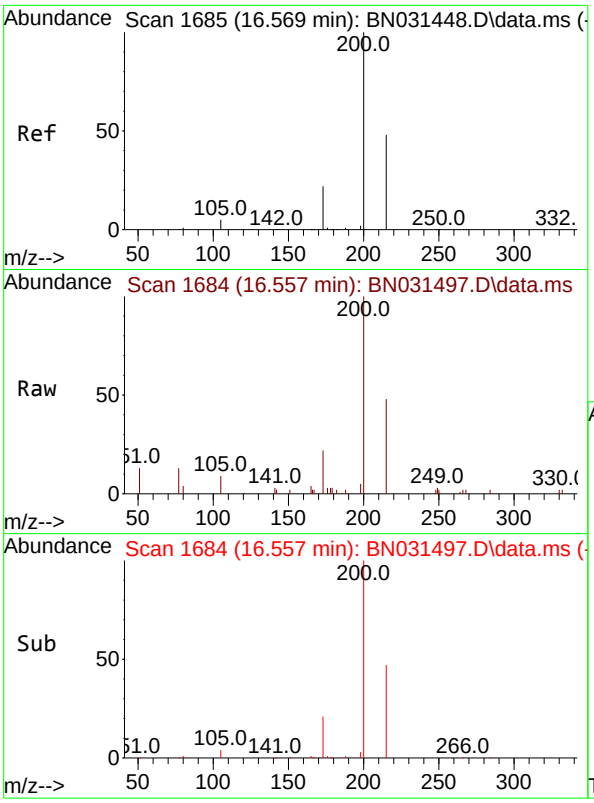


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.383 min Scan# 1670
Delta R.T. -0.013 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:284 Resp: 9941

Ion	Ratio	Lower	Upper
284	100		
142	43.1	31.0	46.6
249	31.8	25.5	38.3



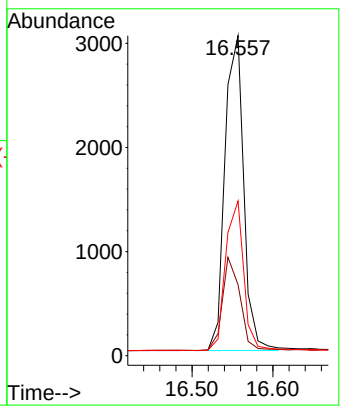


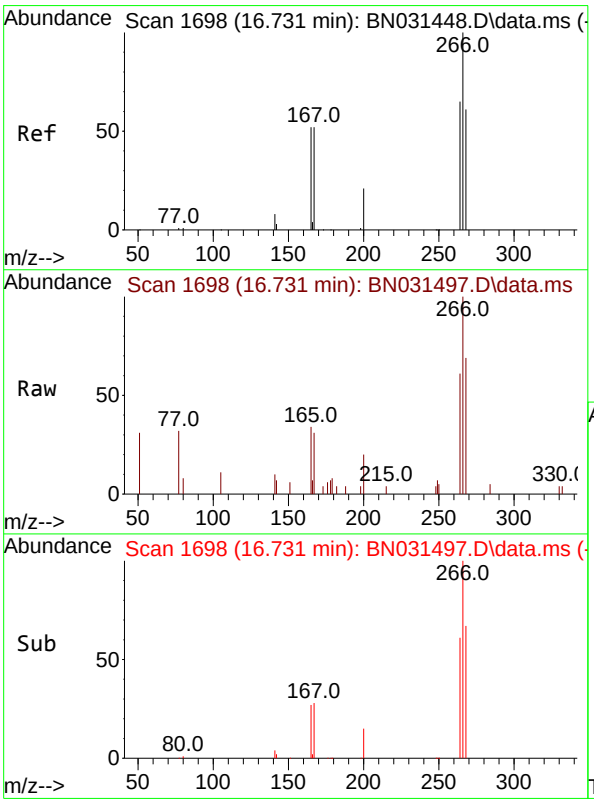
#23
Atrazine
Concen: 0.215 ng
RT: 16.557 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 4889

Ion	Ratio	Lower	Upper
200	100		
173	22.2	19.6	29.4
215	48.3	39.8	59.8

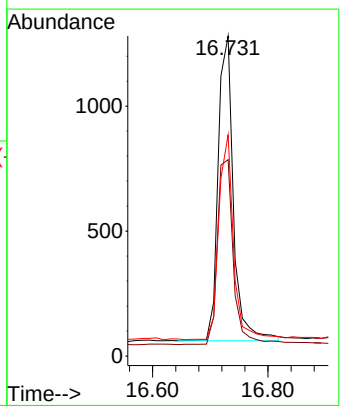


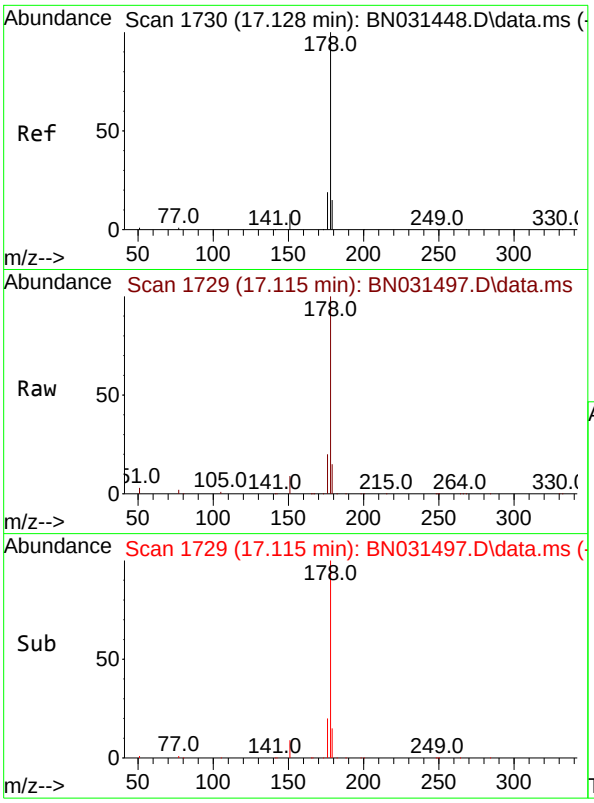


#24
Pentachlorophenol
Concen: 0.251 ng
RT: 16.731 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:266 Resp: 2238

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.6	75.8
268	64.3	49.0	73.4



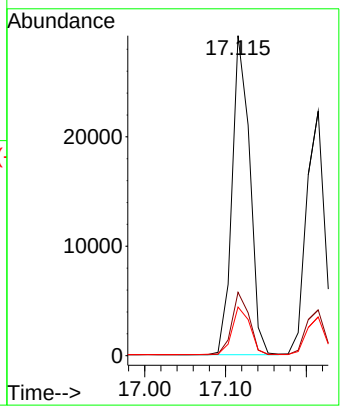


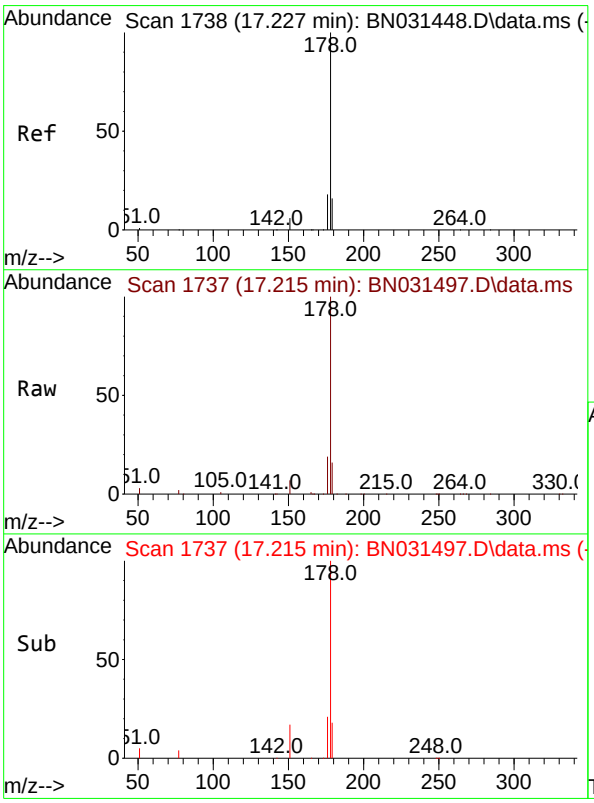
#25
Phenanthrene
Concen: 0.370 ng
RT: 17.115 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 44322

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.3	18.5

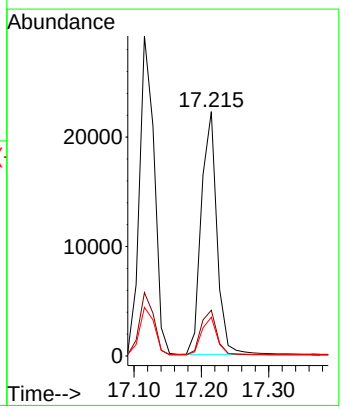


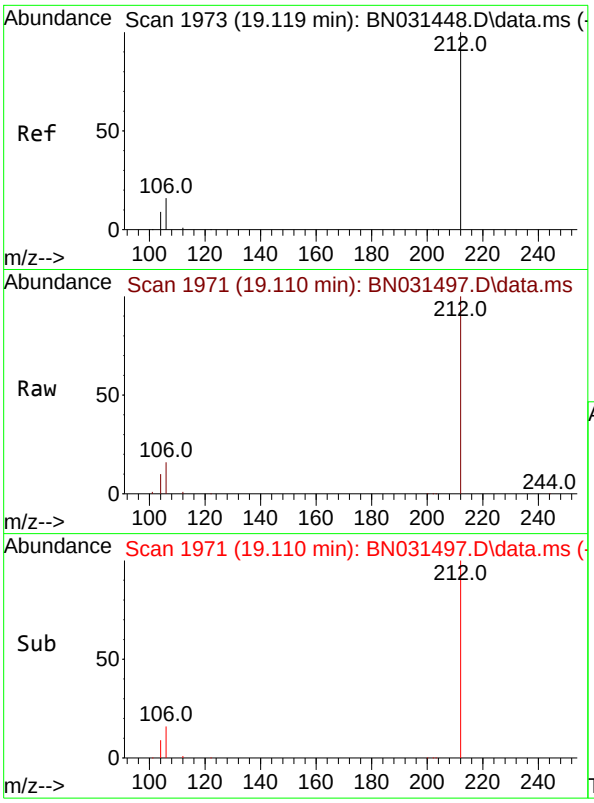


#26
Anthracene
Concen: 0.303 ng
RT: 17.215 min Scan# 1737
Delta R.T. -0.013 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:178 Resp: 35942

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.4	18.6





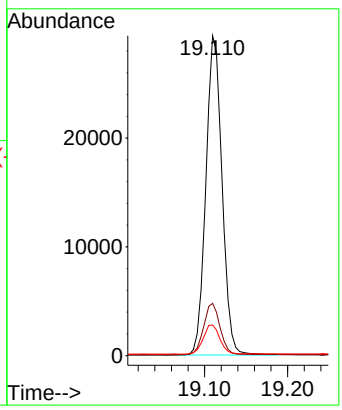
#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.110 min Scan# 1

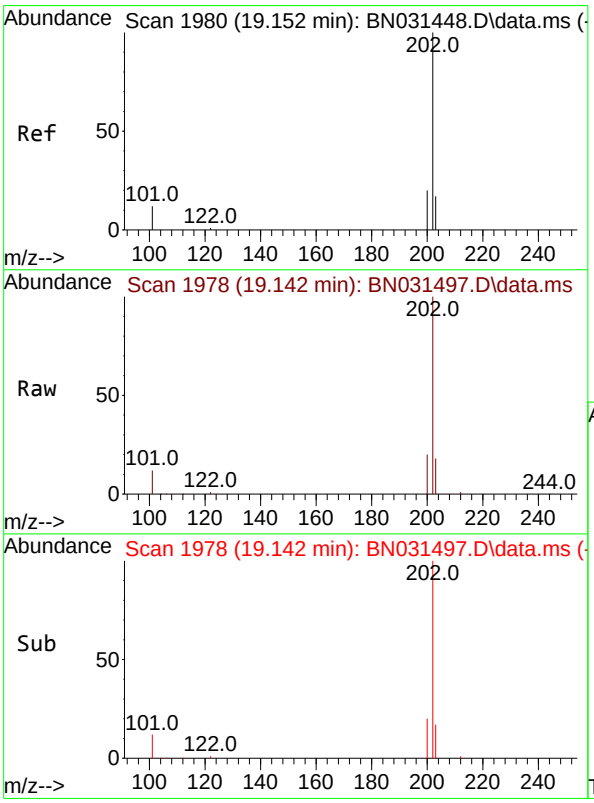
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. -0.009 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:212 Resp: 39875

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.0	18.0
104	9.4	6.9	10.3

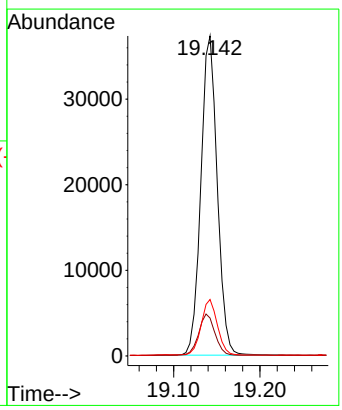


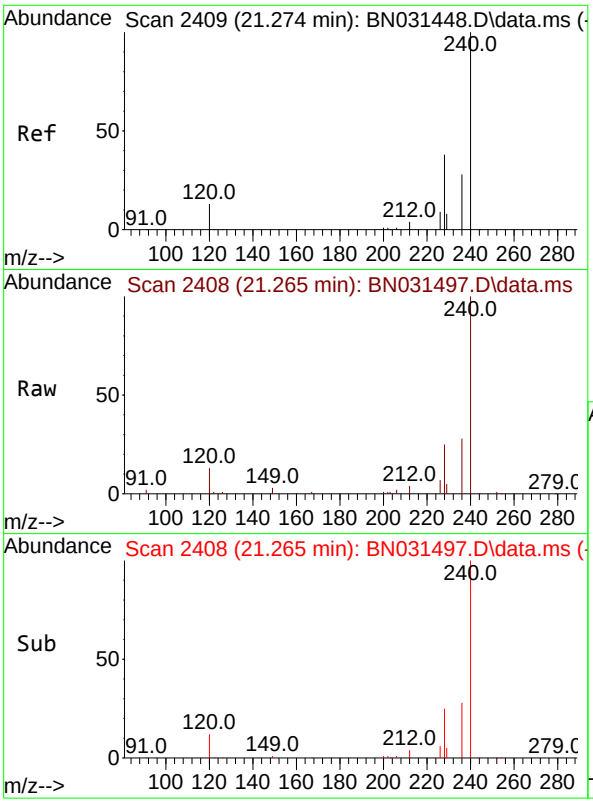


#28
Fluoranthene
Concen: 0.338 ng
RT: 19.142 min Scan# 1978
Delta R.T. -0.009 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:202 Resp: 49207

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.6
203	17.2	13.8	20.8



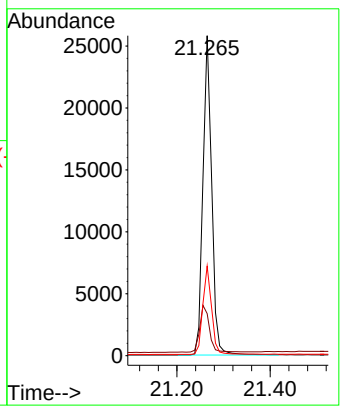


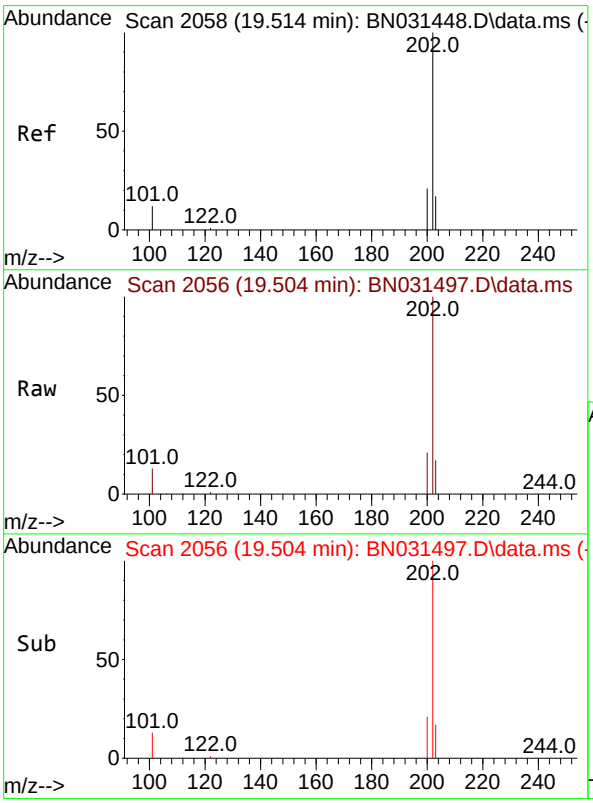
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 33837

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.4	17.2
236	28.0	22.2	33.4

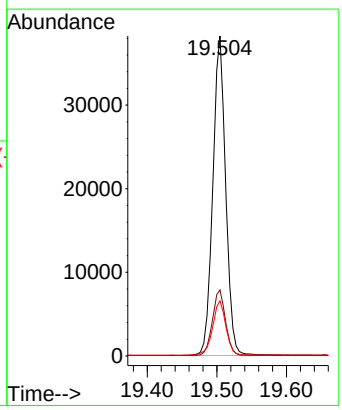


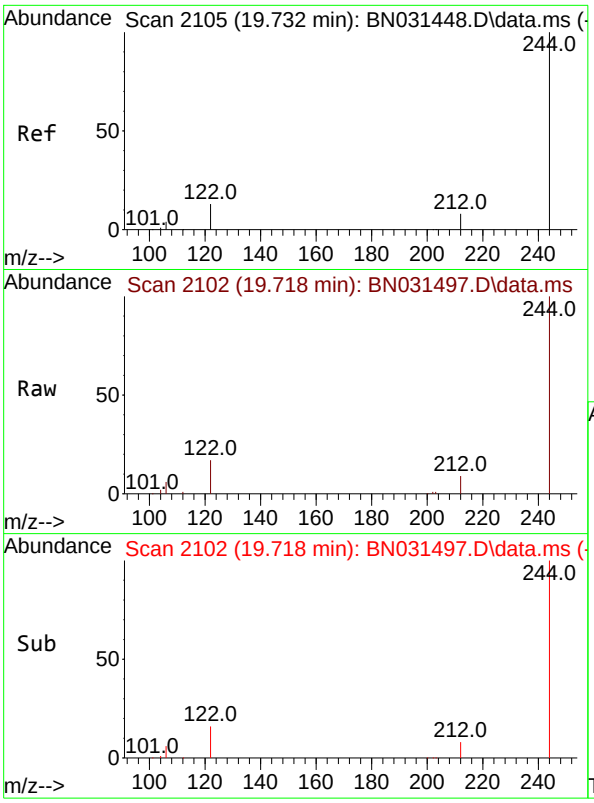


#30
Pyrene
Concen: 0.359 ng
RT: 19.504 min Scan# 2056
Delta R.T. -0.009 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:202 Resp: 49121

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.3	21.5



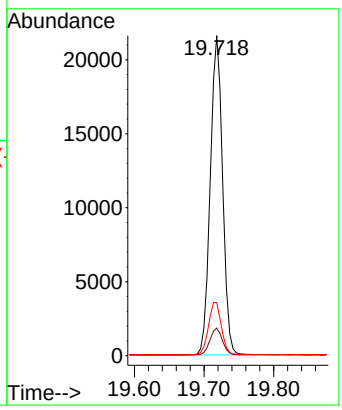


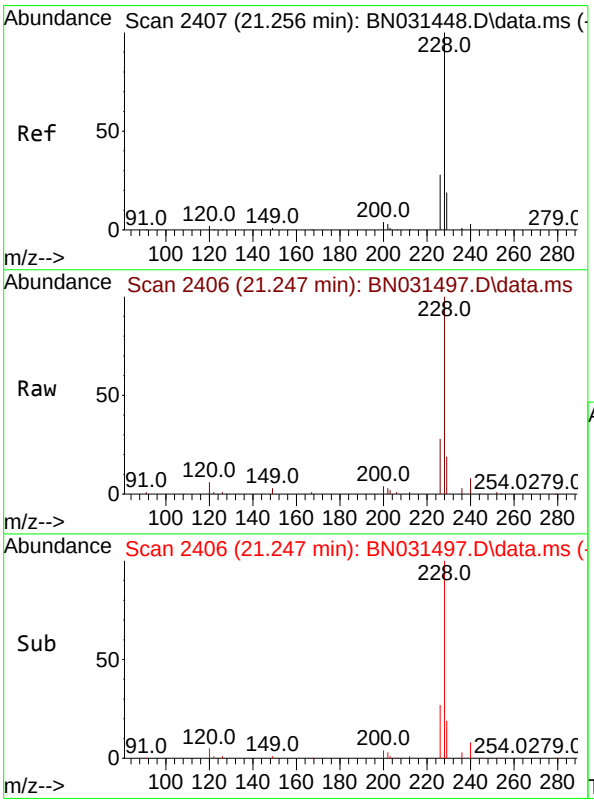
#31
Terphenyl-d14
Concen: 0.321 ng
RT: 19.718 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 26565

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	16.6	11.4	17.2

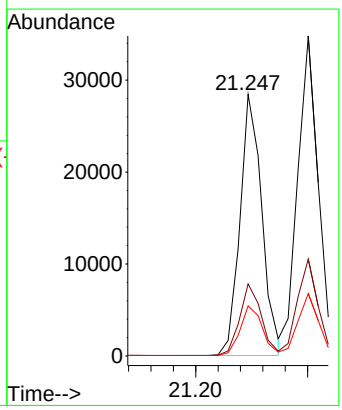


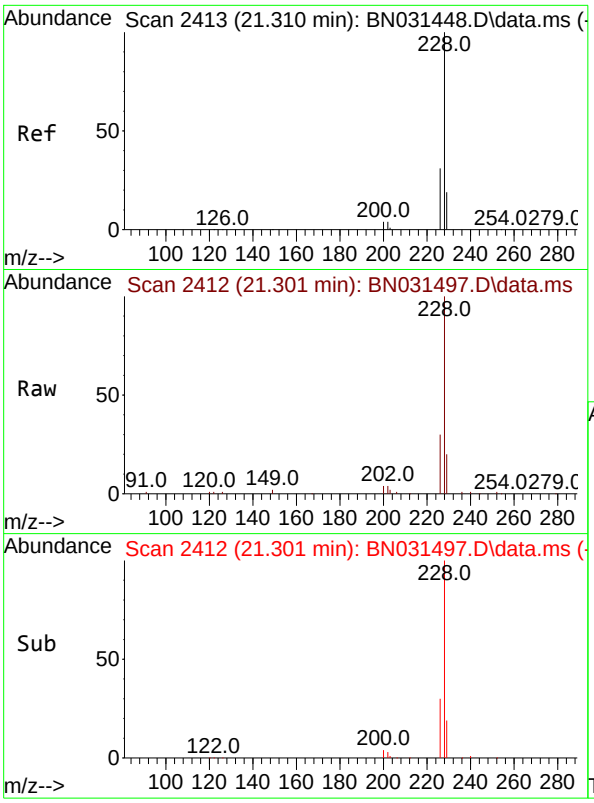


#32
Benzo(a)anthracene
Concen: 0.295 ng
RT: 21.247 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:228 Resp: 38523

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	19.2	15.5	23.3



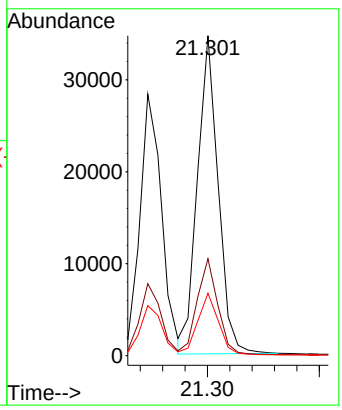


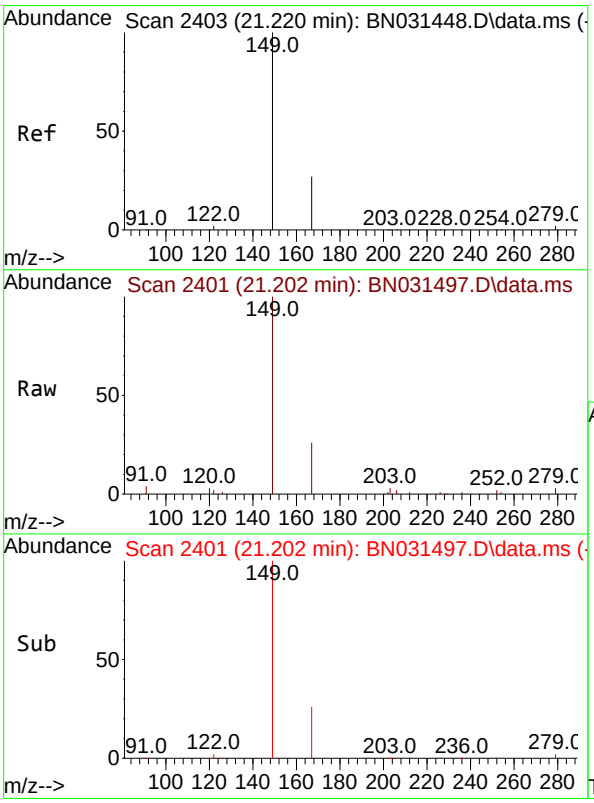
#33
Chrysene
Concen: 0.358 ng
RT: 21.301 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 44535

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.5	15.8	23.8

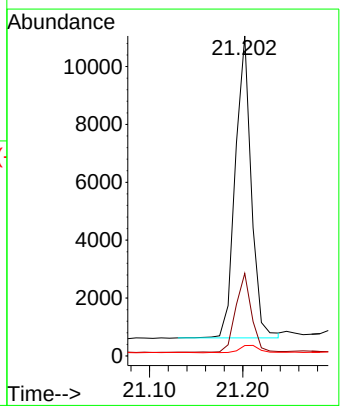


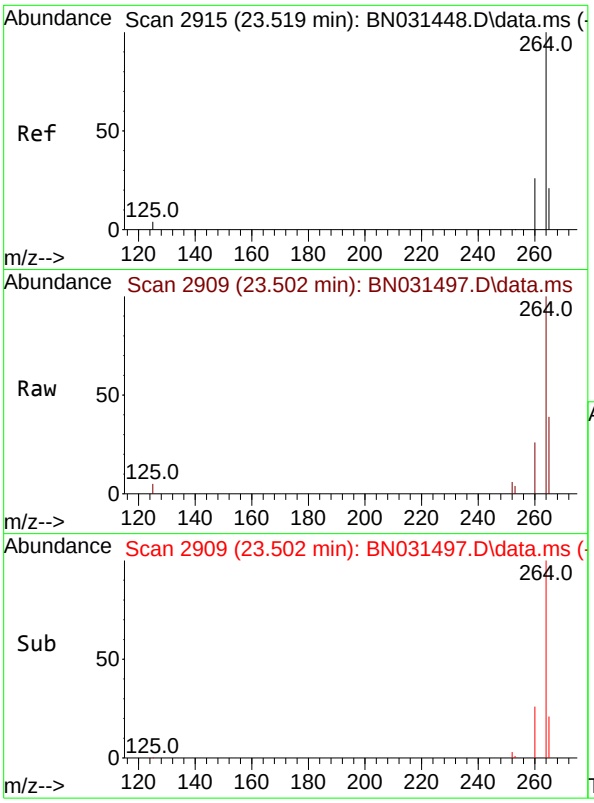


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.018 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:149 Resp: 12391

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.1	33.1
279	3.2	2.7	4.1



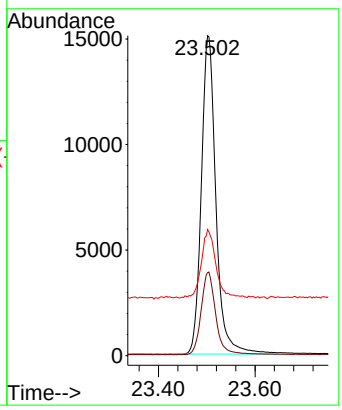


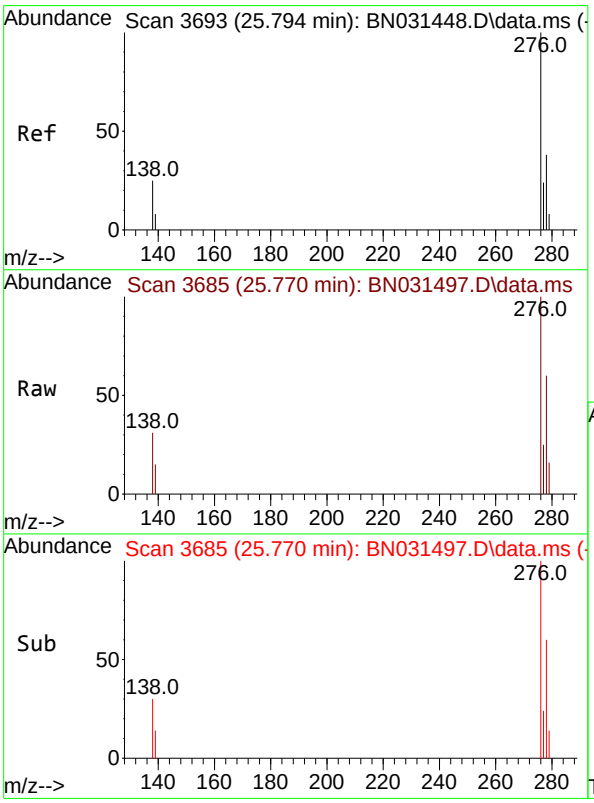
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 31593

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	31.0
265	39.4	24.0	36.0#

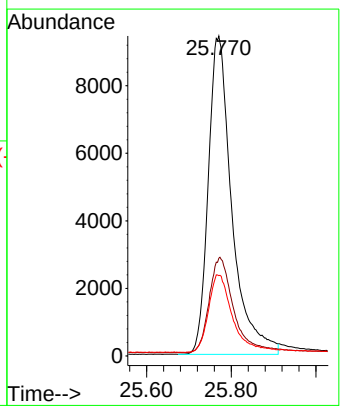


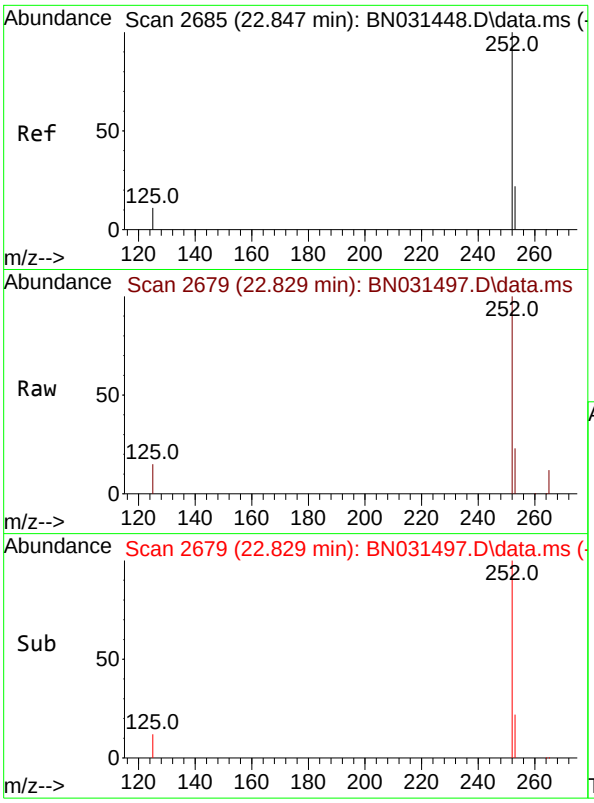


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.290 ng
RT: 25.770 min Scan# 3685
Delta R.T. -0.024 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:276 Resp: 36536

Ion	Ratio	Lower	Upper
276	100		
138	31.0	23.0	34.6
277	25.0	19.9	29.9



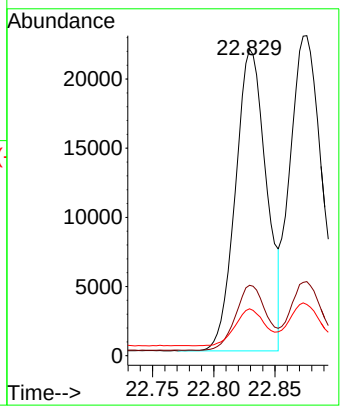


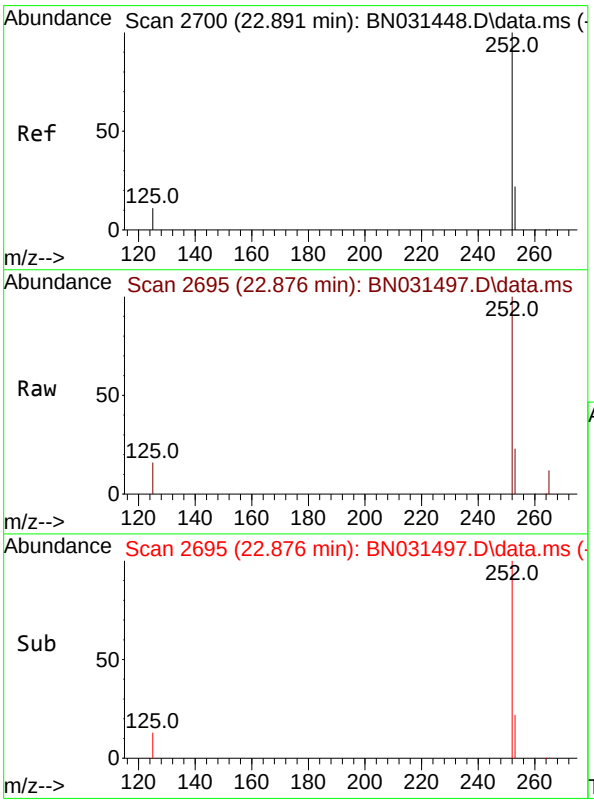
#37
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 22.829 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 38331

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	15.3	10.5	15.7

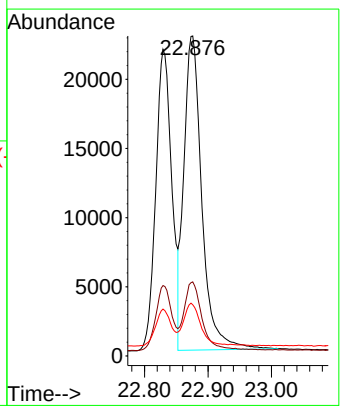


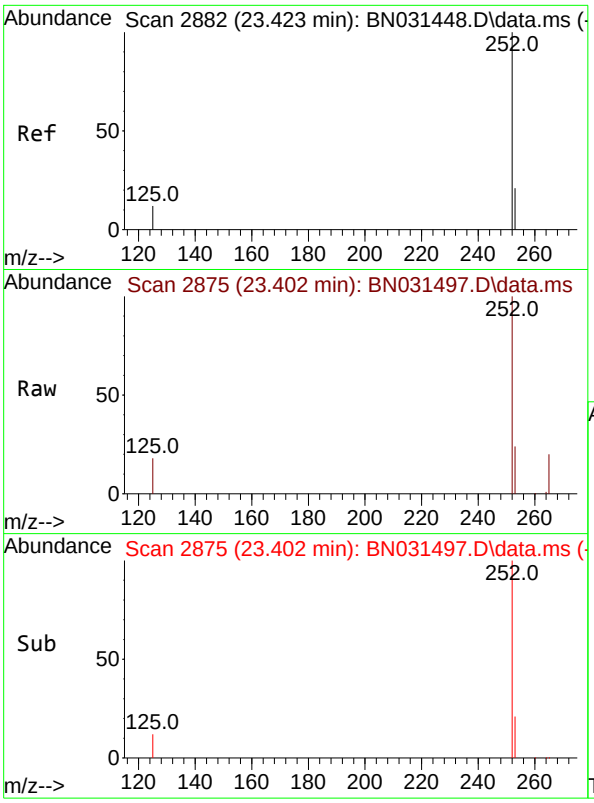


#38
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.876 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:252 Resp: 44594

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	16.0	11.0	16.6



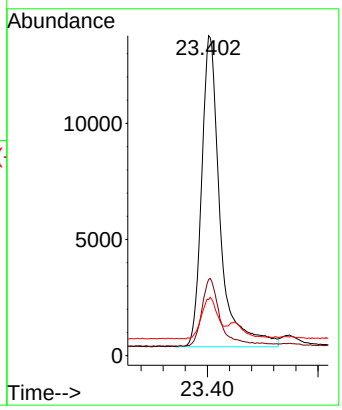


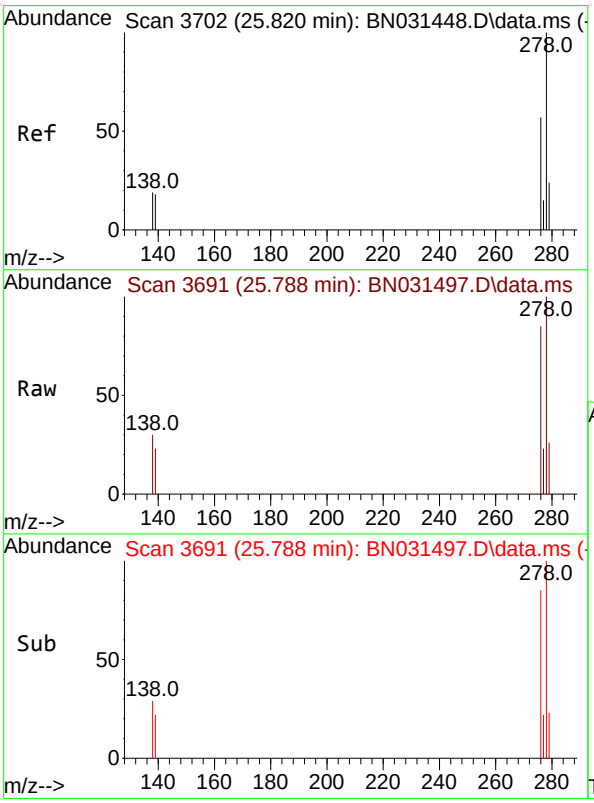
#39
Benzo(a)pyrene
Concen: 0.315 ng
RT: 23.402 min Scan# 2
Delta R.T. -0.021 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 31048

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	17.5	11.9	17.9

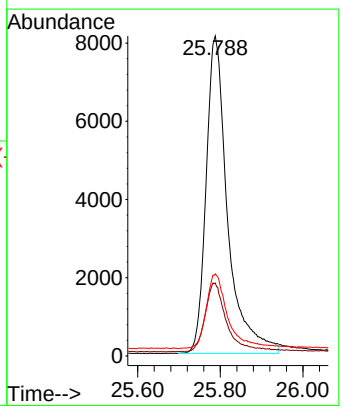


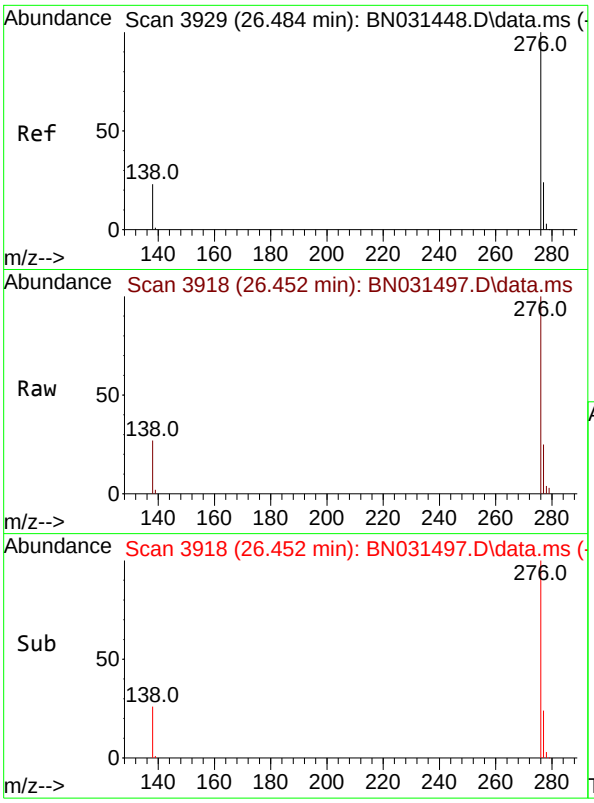


#40
Dibenzo(a,h)anthracene
Concen: 0.295 ng
RT: 25.788 min Scan# 3691
Delta R.T. -0.032 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Tgt Ion:278 Resp: 29418

Ion	Ratio	Lower	Upper
278	100		
139	22.8	15.9	23.9
279	25.6	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.287 ng
RT: 26.452 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN031497.D
Acq: 13 May 2024 10:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 30764

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	26.8	20.4	30.6