Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111121\
Data File : BN017391.D
Acq On : 10 Nov 2021 21:28
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 11 07:21:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 07:19:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.515	152	28040	0.400	ng		0.00
7) Naphthalene-d8	10.281	136	114944	0.400	ng	#	0.00
13) Acenaphthene-d10	14.156	164	65270	0.400	ng		0.00
19) Phenanthrene-d10	16.909	188	116490	0.400	ng	#	0.00
29) Chrysene-d12	21.123	240	120395	0.400	ng	#	0.00
35) Perylene-d12	23.311	264	129286	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.126	112	307740	4.760	ng		0.00
5) Phenol-d6	6.703	99	357768	5.024	ng		0.00
8) Nitrobenzene-d5	8.659	82	408127	5.917	ng		0.00
11) 2-Methylnaphthalene-d10	11.880	152	763543	4.512	ng		0.00
14) 2,4,6-Tribromophenol	15.666	330	150678	6.184	ng		0.00
15) 2-Fluorobiphenyl	12.773	172	1079655	4.349	ng		0.00
27) Fluoranthene-d10	18.955	212	1503830	5.063	ng		0.00
31) Terphenyl-d14	19.571	244	1242958	4.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.107	88	54305	3.459	ng		91
3) n-Nitrosodimethylamine	3.430	42	133845	5.557	ng		99
6) bis(2-Chloroethyl)ether	6.961	93	330458	4.404	ng		99
9) Naphthalene	10.332	128	1369539	4.522	ng		99
10) Hexachlorobutadiene	10.623	225	263553	4.439	ng	#	100
12) 2-Methylnaphthalene	11.955	142	873874	4.385	ng		99
16) Acenaphthylene	13.877	152	1329267	4.996	ng		100
17) Acenaphthene	14.219	154	862806	4.709	ng		98
18) Fluorene	15.209	166	1074107	4.909	ng		99
21) 4-Bromophenyl-phenylether	16.118	248	360723	5.528	ng	#	64
22) Hexachlorobenzene	16.216	284	372664	5.095	ng		100
23) Atrazine	16.398	200	306013	6.939	ng		95
24) Pentachlorophenol	16.569	266	187652	7.271	ng		99
25) Phenanthrene	16.946	178	1545780	4.631	ng		100
26) Anthracene	17.043	178	1465584	5.270	ng		100
28) Fluoranthene	18.985	202	1725126	4.791	ng		99
30) Pyrene	19.347	202	1810117	4.653	ng		100
32) Benzo(a)anthracene	21.112	228	1854280	5.076	ng		98
33) Chrysene	21.154	228	1808578	4.652	ng		99
34) Bis(2-ethylhexyl)phtha...	21.069	149	1207044	9.365	ng		99
36) Indeno(1,2,3-cd)pyrene	25.516	276	2218684	4.902	ng		99
37) Benzo(b)fluoranthene	22.661	252	1933448	4.575	ng		100
38) Benzo(k)fluoranthene	22.702	252	1843529	4.361	ng		100
39) Benzo(a)pyrene	23.215	252	1793695	4.794	ng		99
40) Dibenzo(a,h)anthracene	25.540	278	1844127	5.065	ng		100
41) Benzo(g,h,i)perylene	26.186	276	1945120	4.954	ng		100

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

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Nov 11 07:21:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 07:19:53 2021
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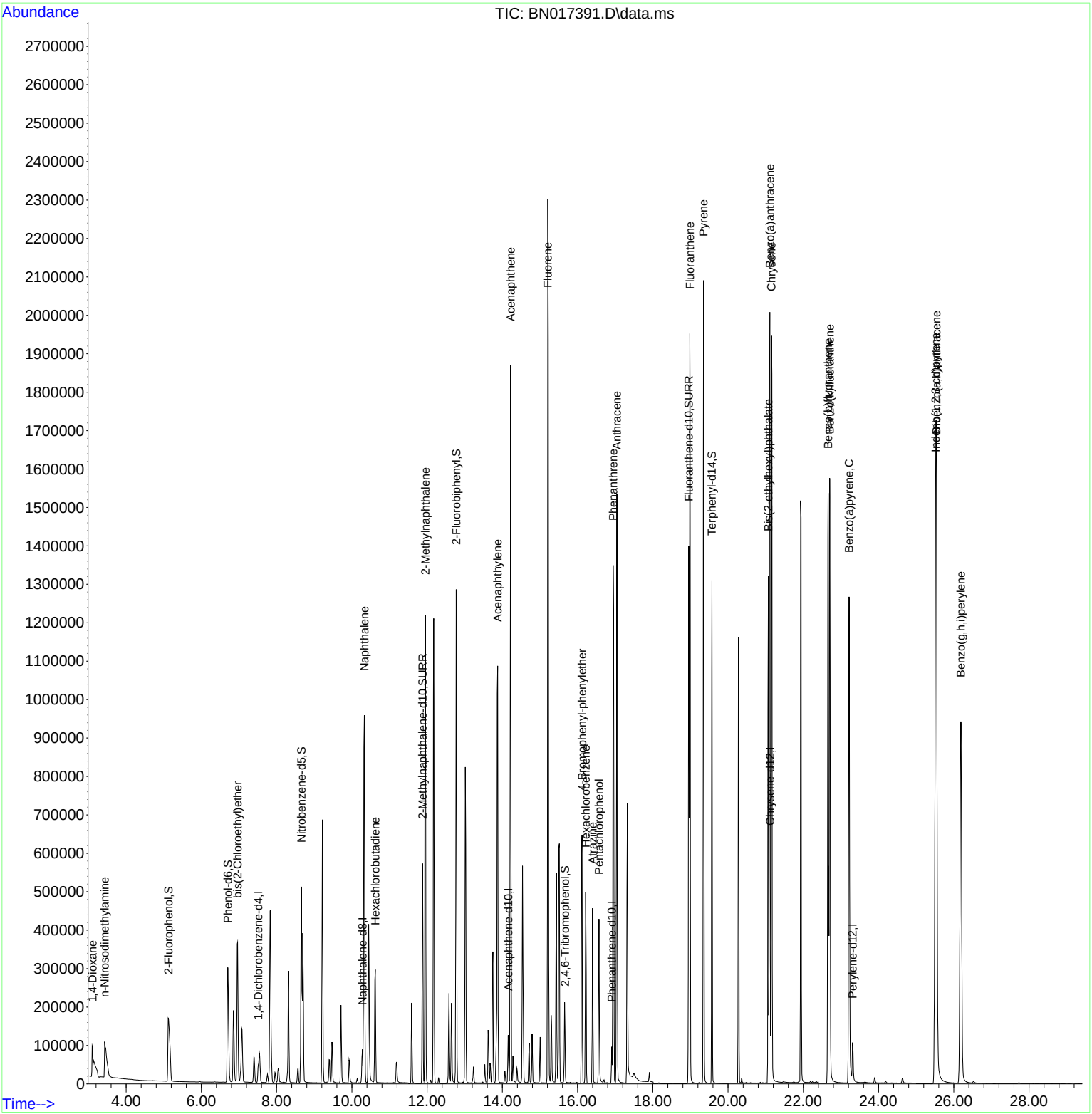
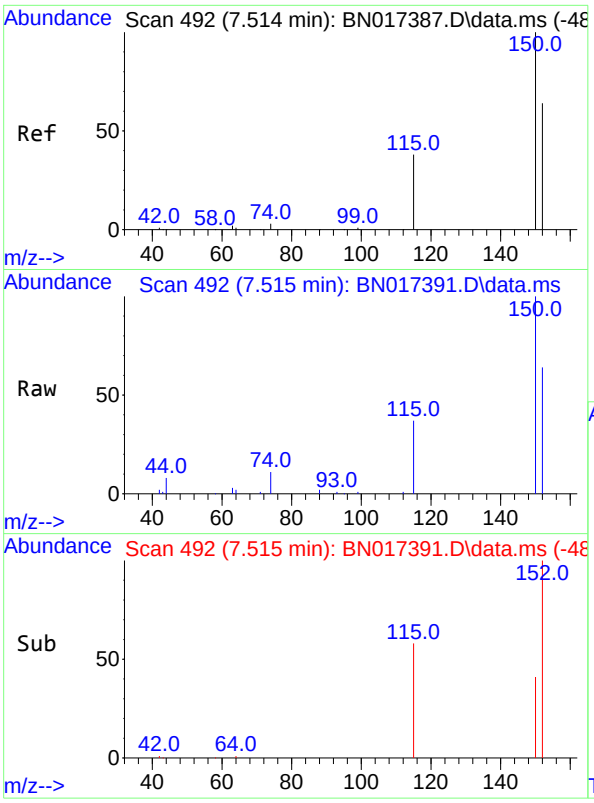


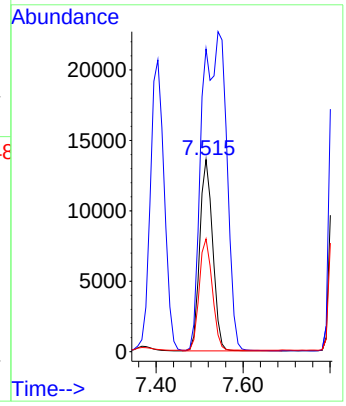


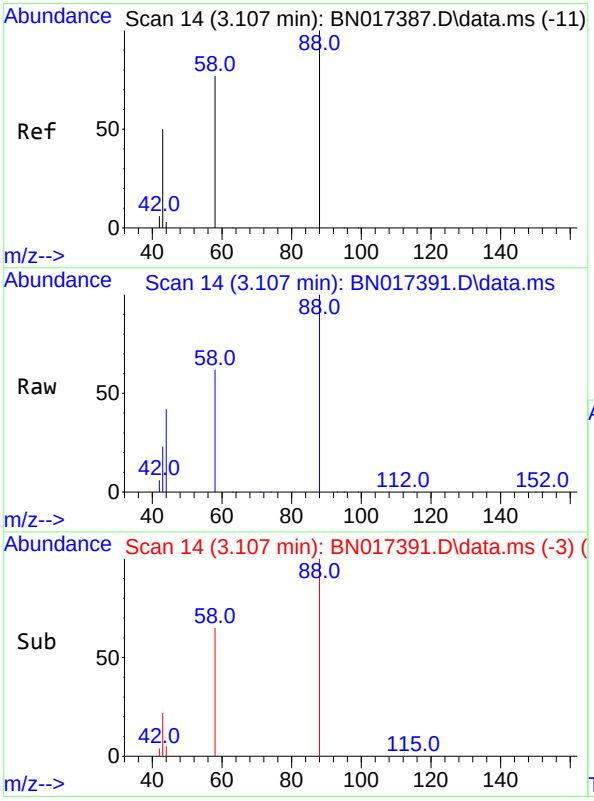
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.515 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 28040

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	58.7	45.6	68.4

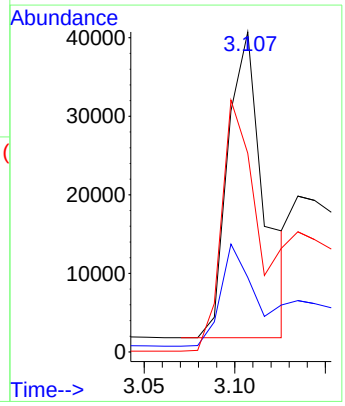


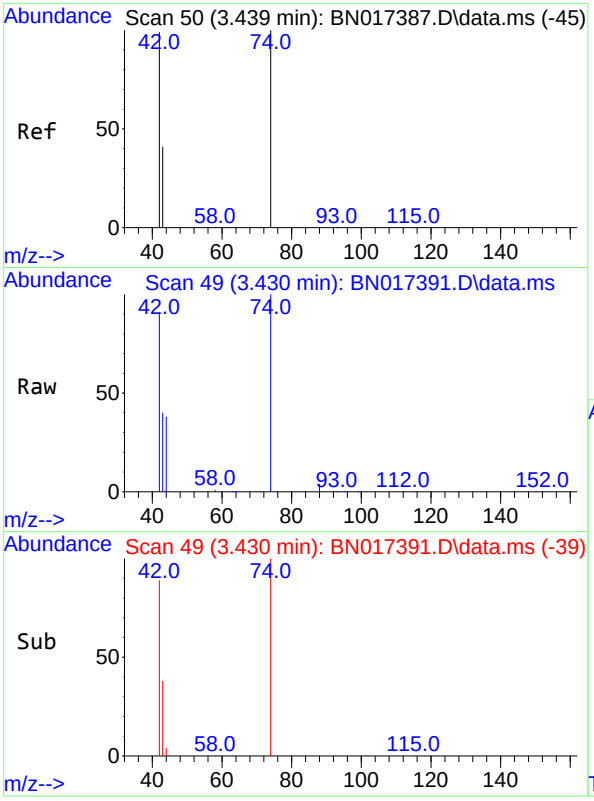


#2
1,4-Dioxane
Concen: 3.459 ng
RT: 3.107 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion: 88 Resp: 54305

Ion	Ratio	Lower	Upper
88	100		
43	34.6	24.7	37.1
58	87.6	63.0	94.6



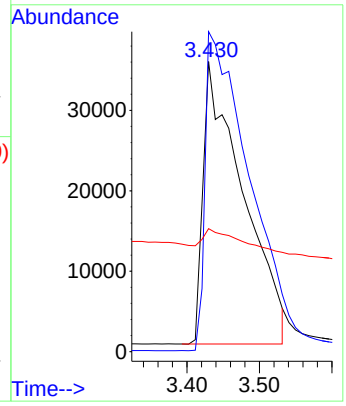


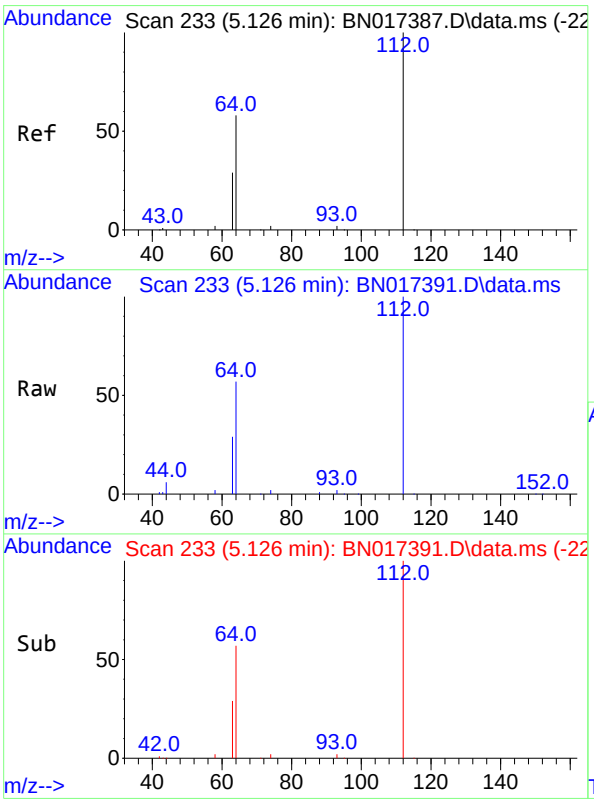
#3
n-Nitrosodimethylamine
Concen: 5.557 ng
RT: 3.430 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 133845

Ion	Ratio	Lower	Upper
42	100		
74	123.1	97.8	146.6
44	7.2	5.5	8.3

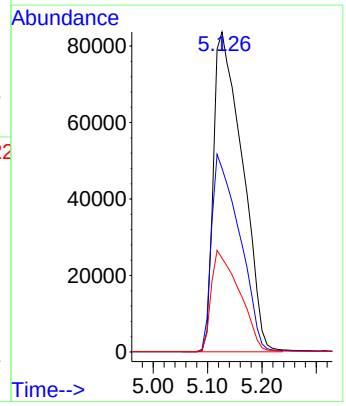


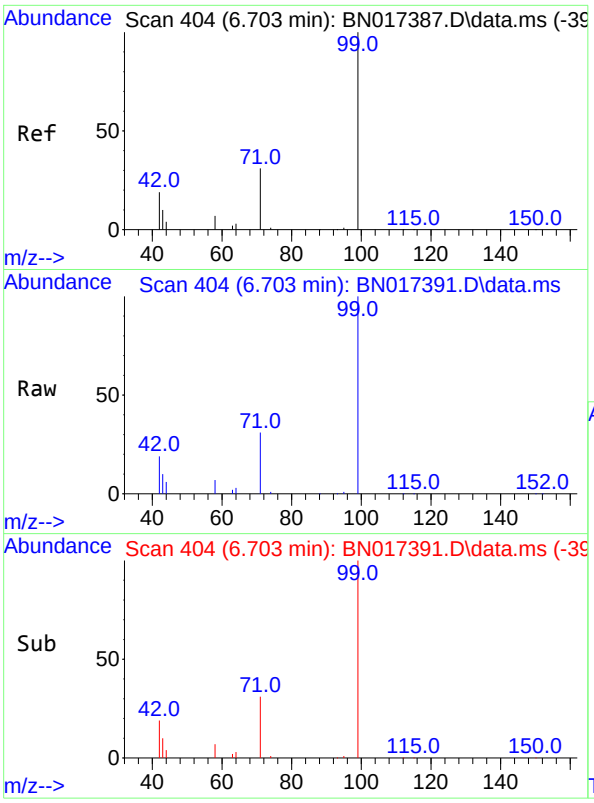


#4
2-Fluorophenol
Concen: 4.760 ng
RT: 5.126 min Scan# 233
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:112 Resp: 307740

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.6	71.4
63	30.8	24.6	37.0



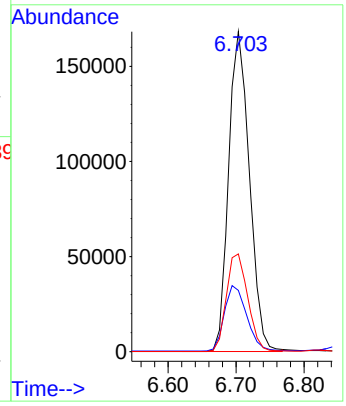


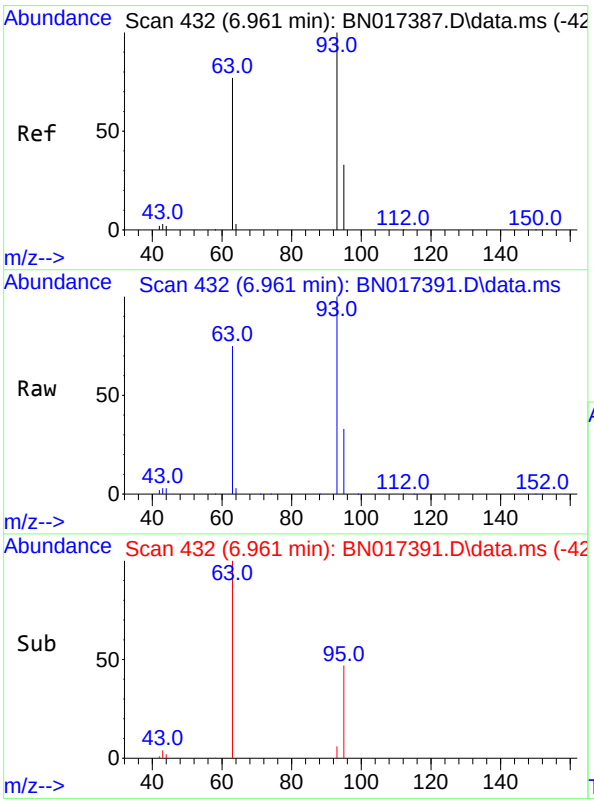
#5
Phenol-d6
Concen: 5.024 ng
RT: 6.703 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 357768

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	31.4	24.8	37.2

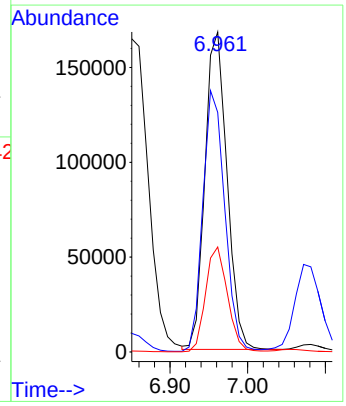


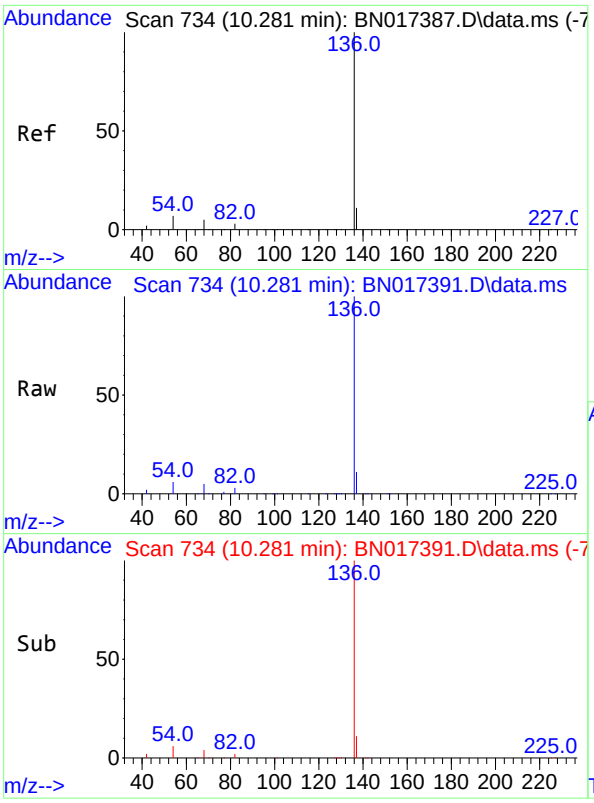


#6
bis(2-Chloroethyl)ether
Concen: 4.404 ng
RT: 6.961 min Scan# 432
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion: 93 Resp: 330458

Ion	Ratio	Lower	Upper
93	100		
63	81.6	65.8	98.6
95	32.7	26.6	39.8



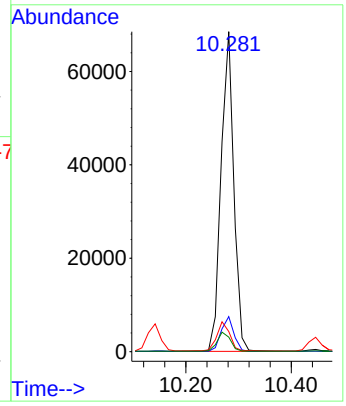


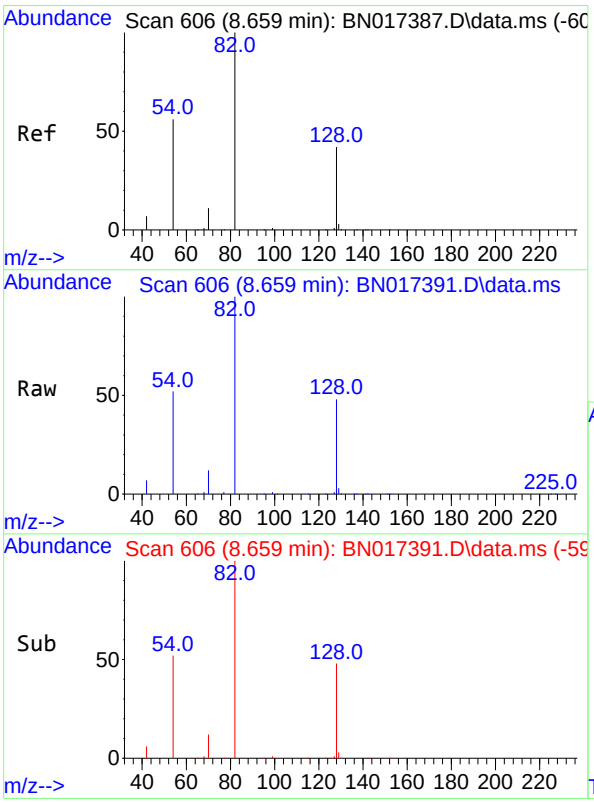
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.281 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 114944

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.3	4.0	6.0#
68	4.6	3.0	4.6

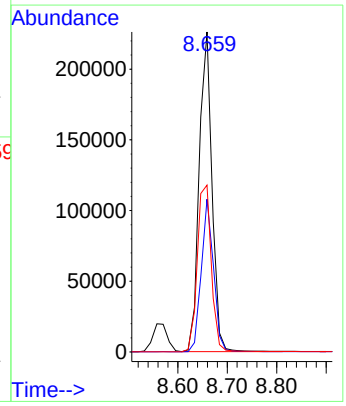


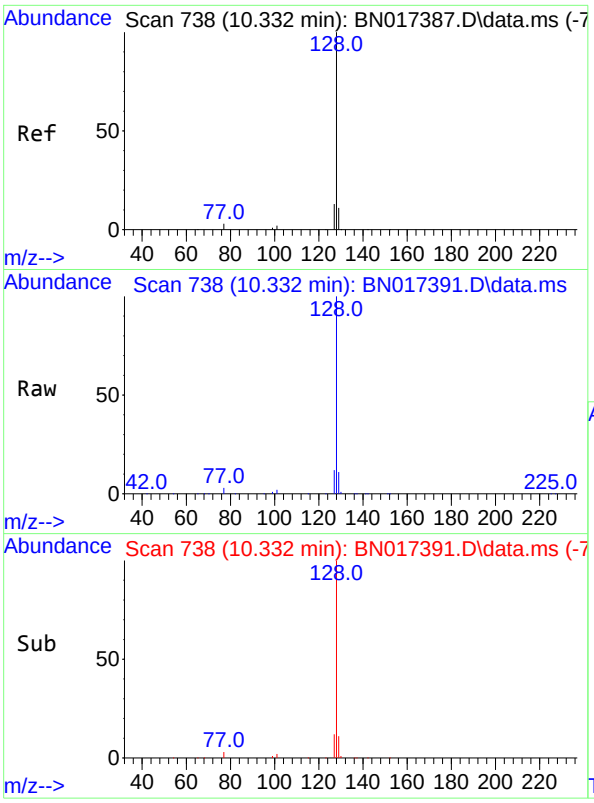


#8
Nitrobenzene-d5
Concen: 5.917 ng
RT: 8.659 min Scan# 606
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion: 82 Resp: 408127

Ion	Ratio	Lower	Upper
82	100		
128	47.7	27.7	41.5#
54	52.2	49.2	73.8



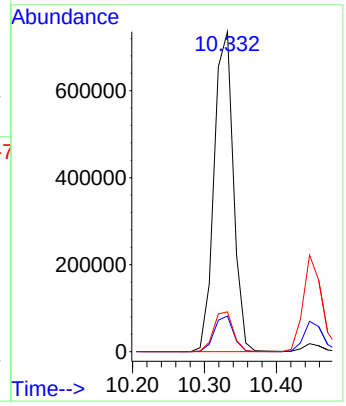


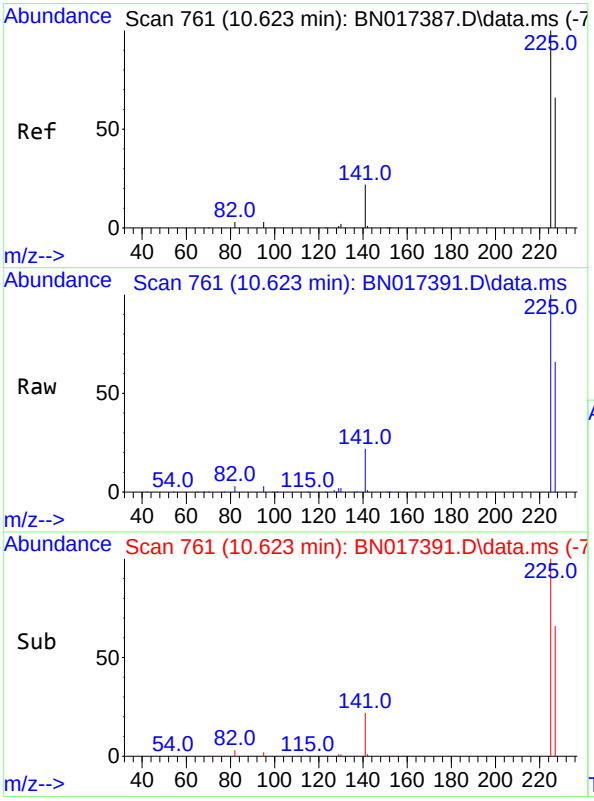
#9
Naphthalene
Concen: 4.522 ng
RT: 10.332 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 1369539

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.5	10.6	15.8

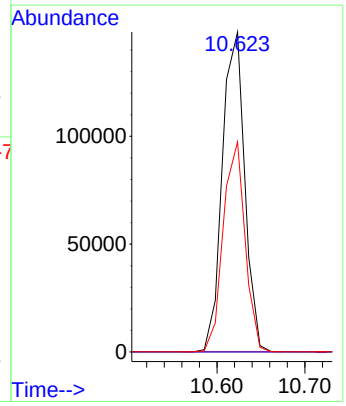


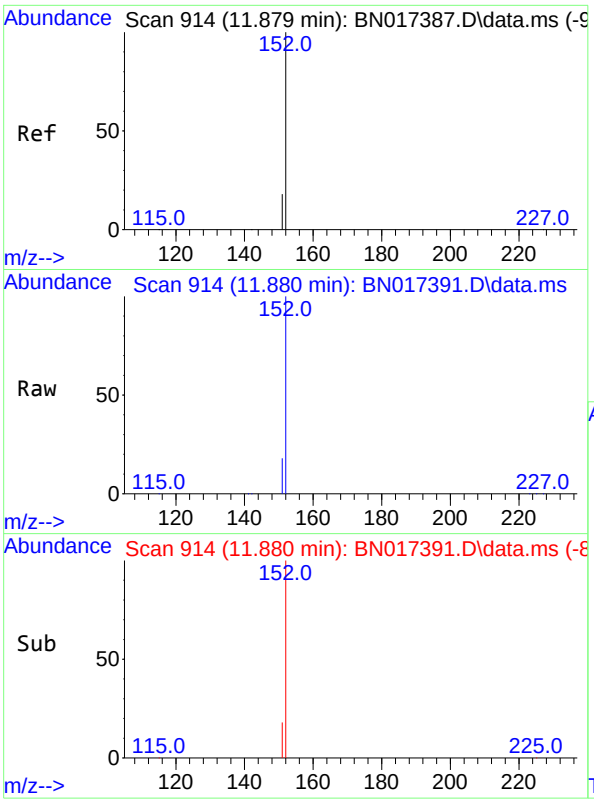


#10
Hexachlorobutadiene
Concen: 4.439 ng
RT: 10.623 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:225 Resp: 263553

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



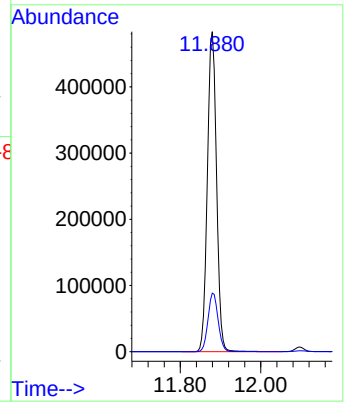


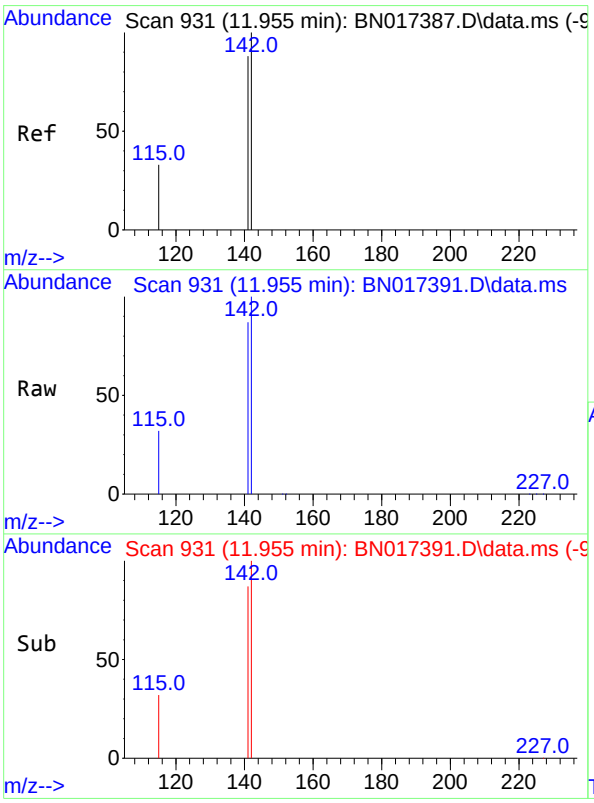
#11
2-Methylnaphthalene-d10
Concen: 4.512 ng
RT: 11.880 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 763543

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

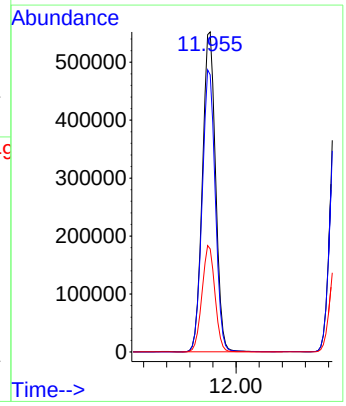


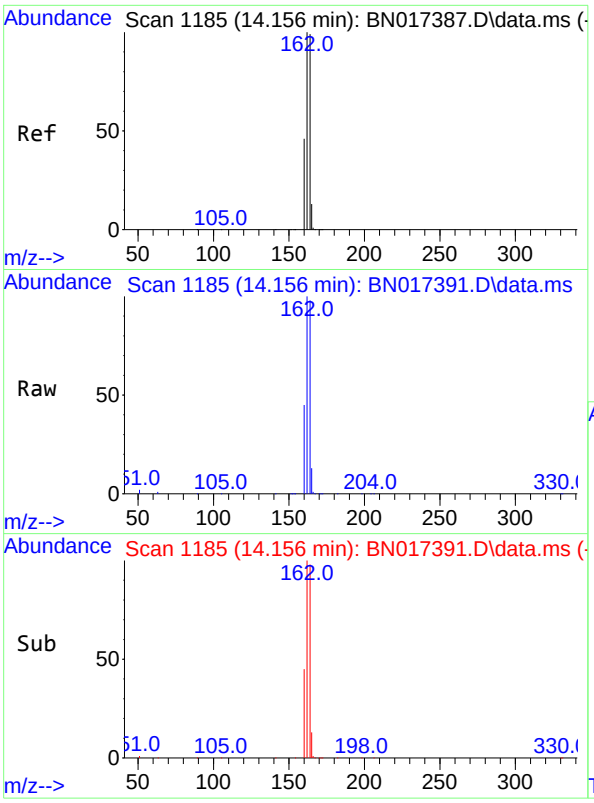


#12
2-Methylnaphthalene
Concen: 4.385 ng
RT: 11.955 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:142 Resp: 873874

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.6	106.0
115	32.2	25.8	38.6



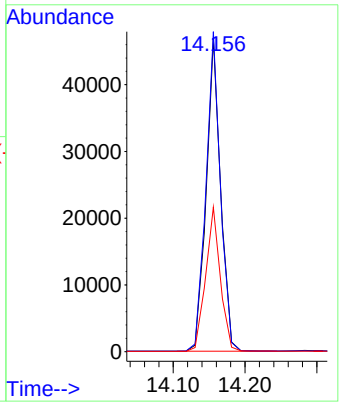


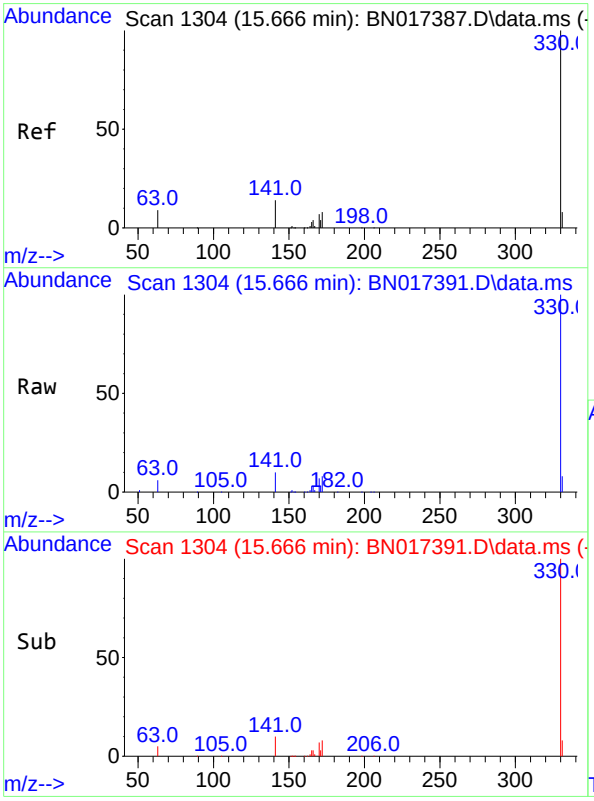
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.156 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 65270

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	46.1	36.8	55.2

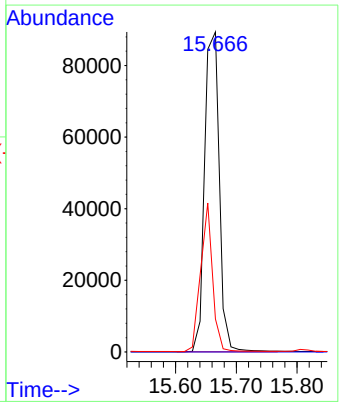


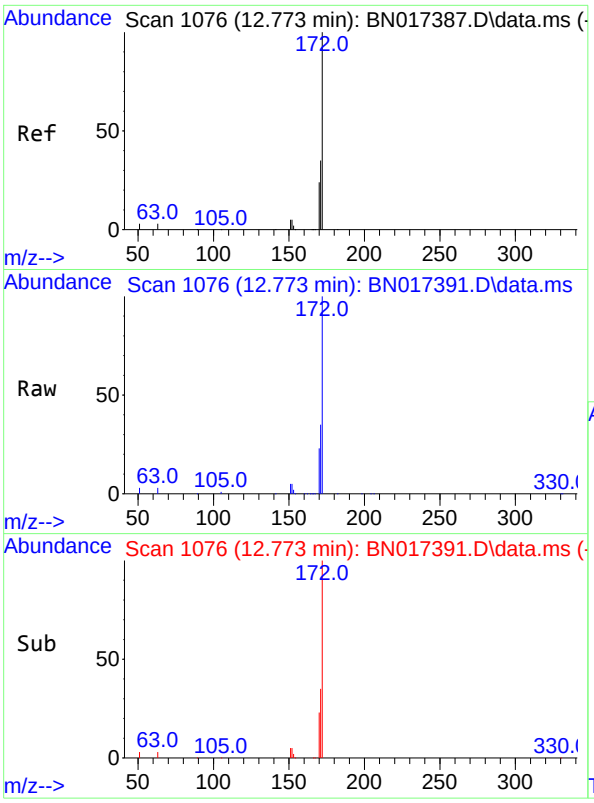


#14
2,4,6-Tribromophenol
Concen: 6.184 ng
RT: 15.666 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:330 Resp: 150678

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	28.9	43.3



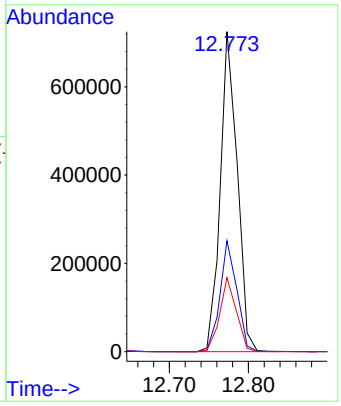


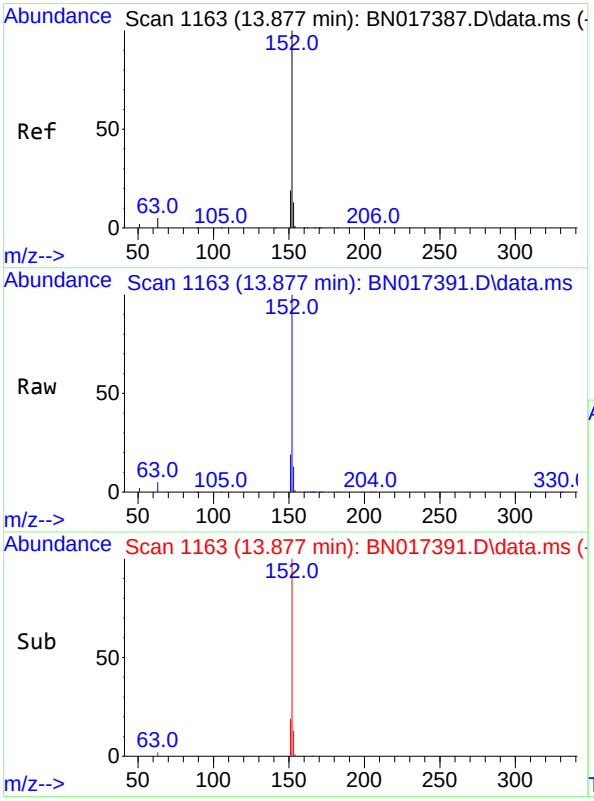
#15
2-Fluorobiphenyl
Concen: 4.349 ng
RT: 12.773 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 1079655

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	23.2	19.4	29.2

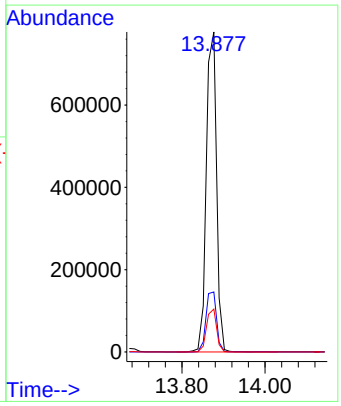


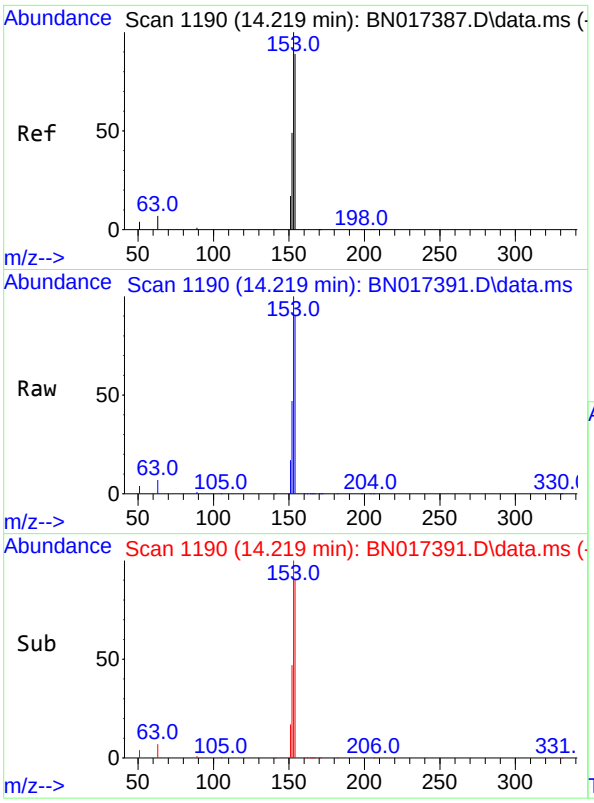


#16
Acenaphthylene
Concen: 4.996 ng
RT: 13.877 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:152 Resp: 1329267

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.2	10.4	15.6



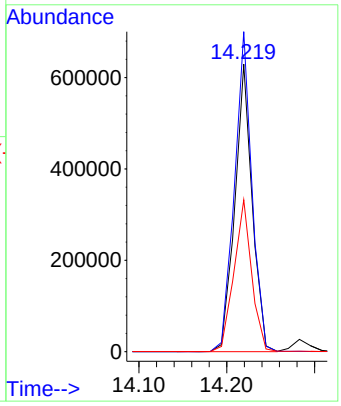


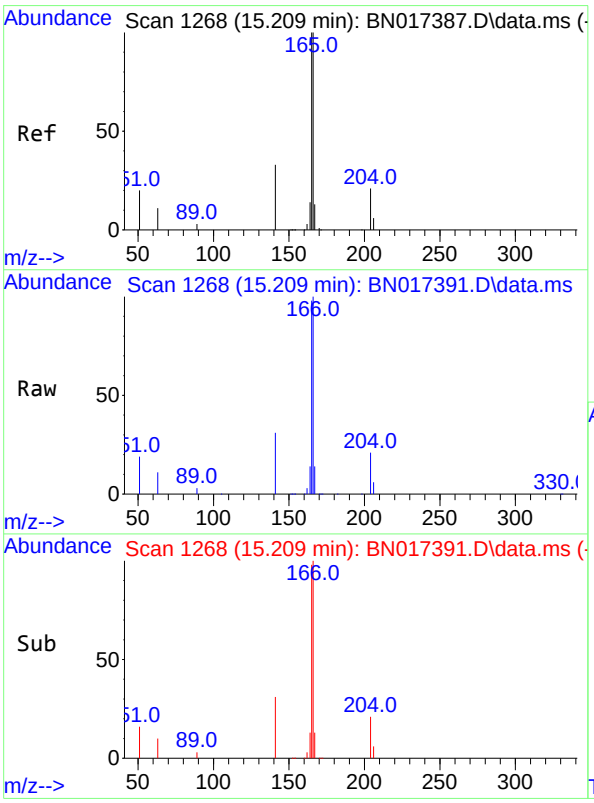
#17
Acenaphthene
Concen: 4.709 ng
RT: 14.219 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 862806

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.2	136.8
152	53.9	44.3	66.5

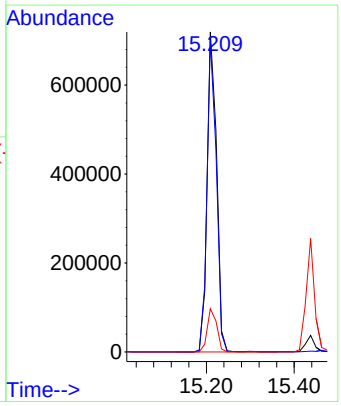


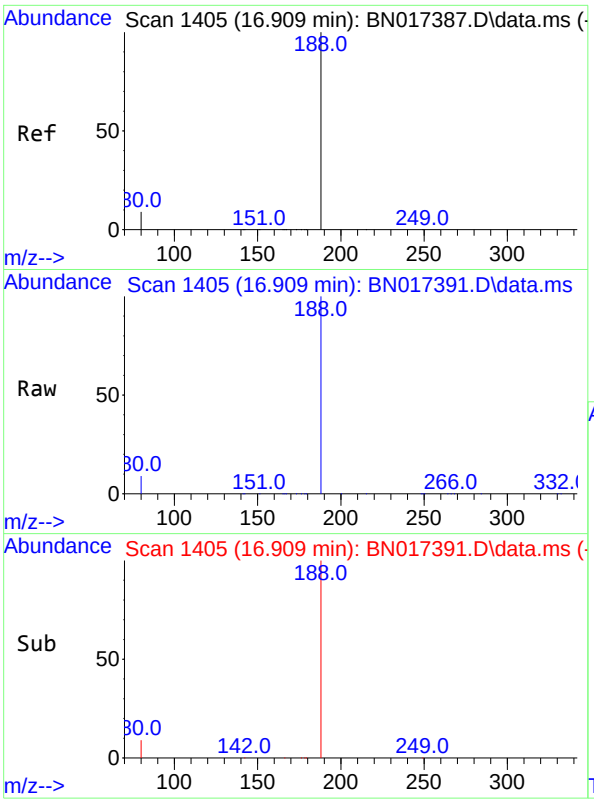


#18
Fluorene
Concen: 4.909 ng
RT: 15.209 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:166 Resp: 1074107

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.9	116.9
167	13.6	10.9	16.3



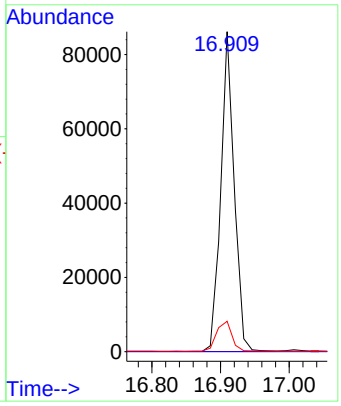


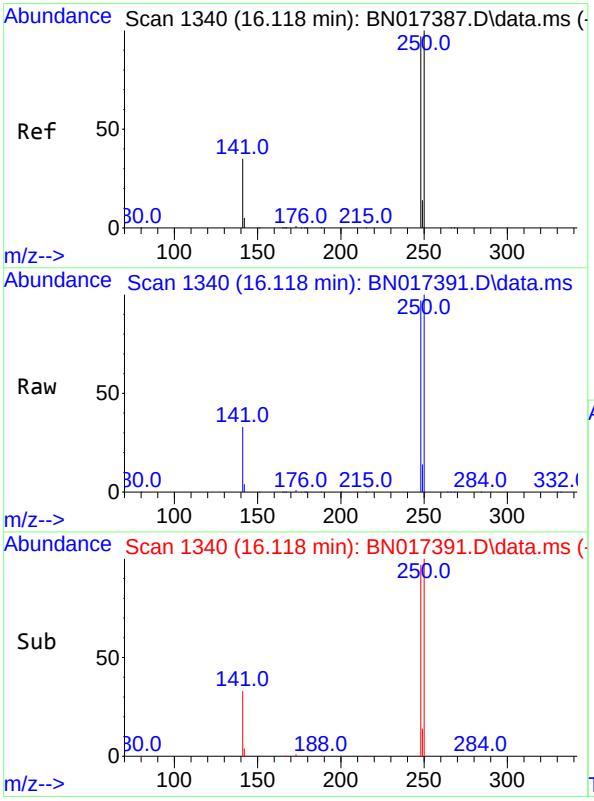
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.909 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 116490

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	6.1	9.1#

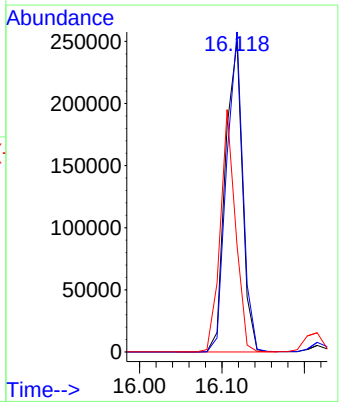


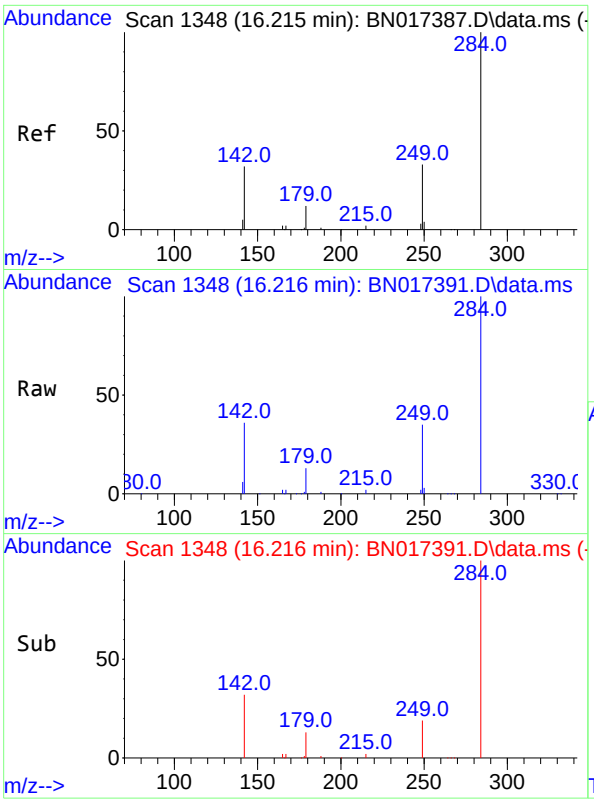


#21
4-Bromophenyl-phenylether
Concen: 5.528 ng
RT: 16.118 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:248 Resp: 360723

Ion	Ratio	Lower	Upper
248	100		
250	103.1	71.8	107.8
141	34.3	70.9	106.3#



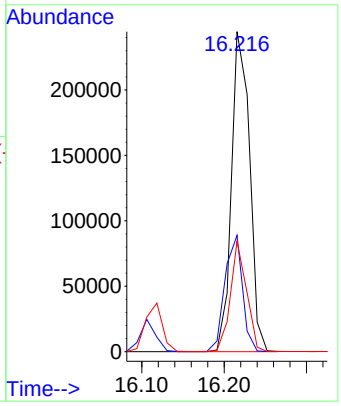


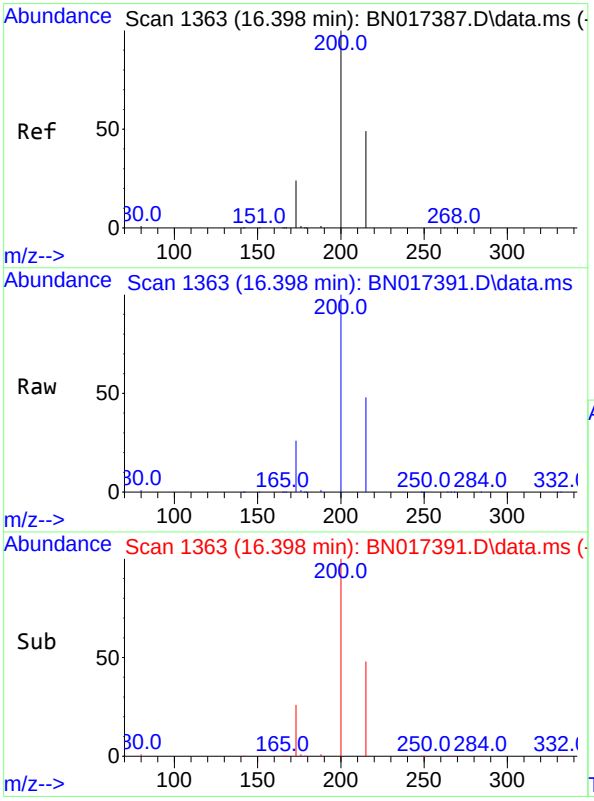
#22
Hexachlorobenzene
Concen: 5.095 ng
RT: 16.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 372664

Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.2	42.2
249	30.7	24.4	36.6

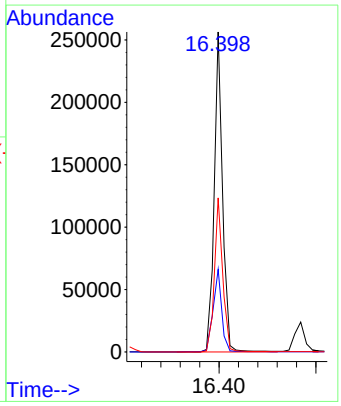


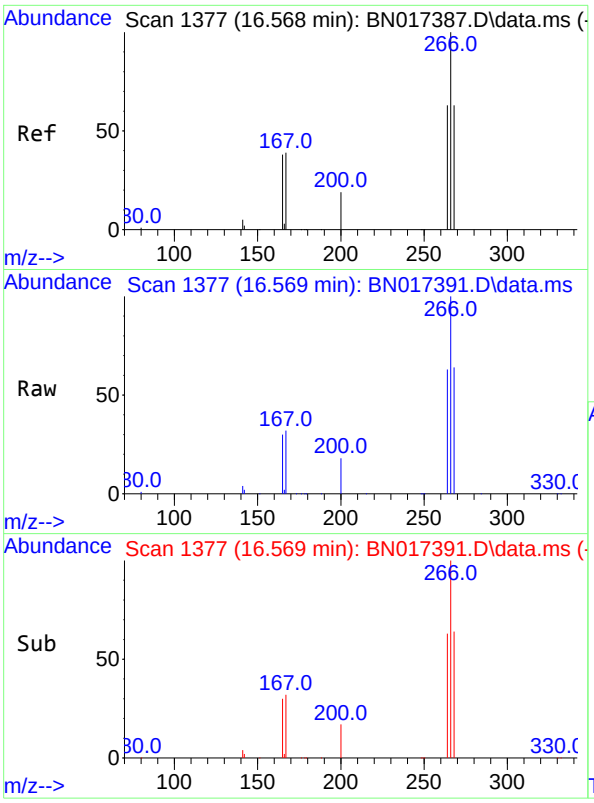


#23
Atrazine
Concen: 6.939 ng
RT: 16.398 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:200 Resp: 306013

Ion	Ratio	Lower	Upper
200	100		
173	25.8	17.6	26.4
215	48.2	40.2	60.4



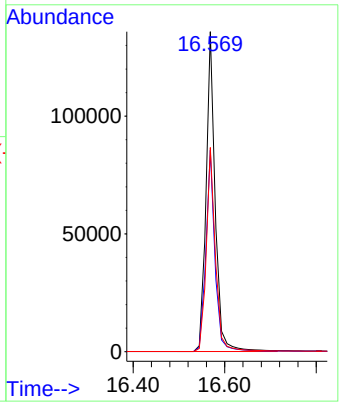


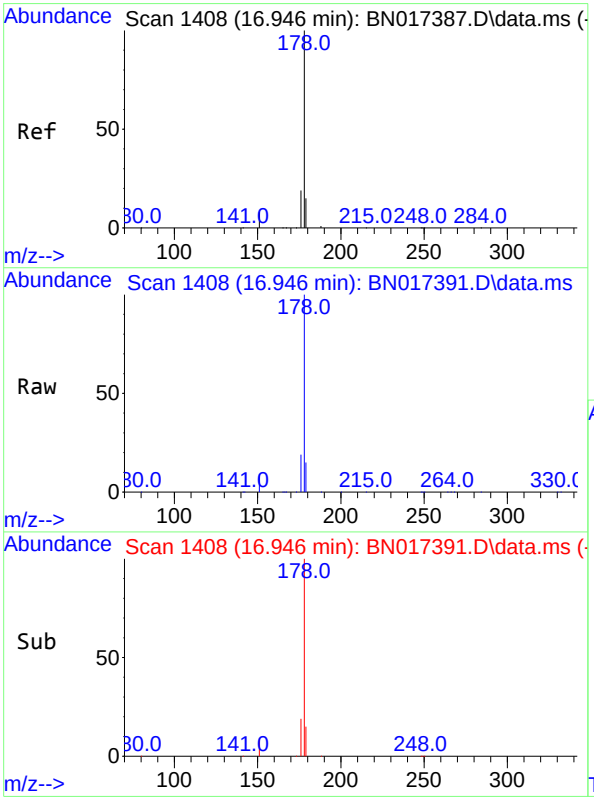
#24
Pentachlorophenol
Concen: 7.271 ng
RT: 16.569 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:266 Resp: 187652

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.8
268	63.9	51.3	76.9

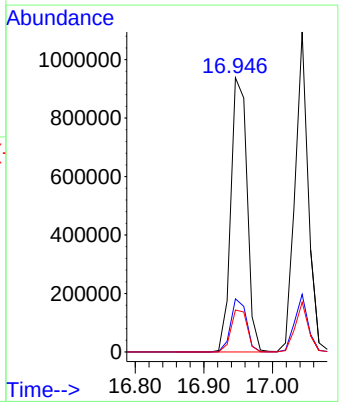


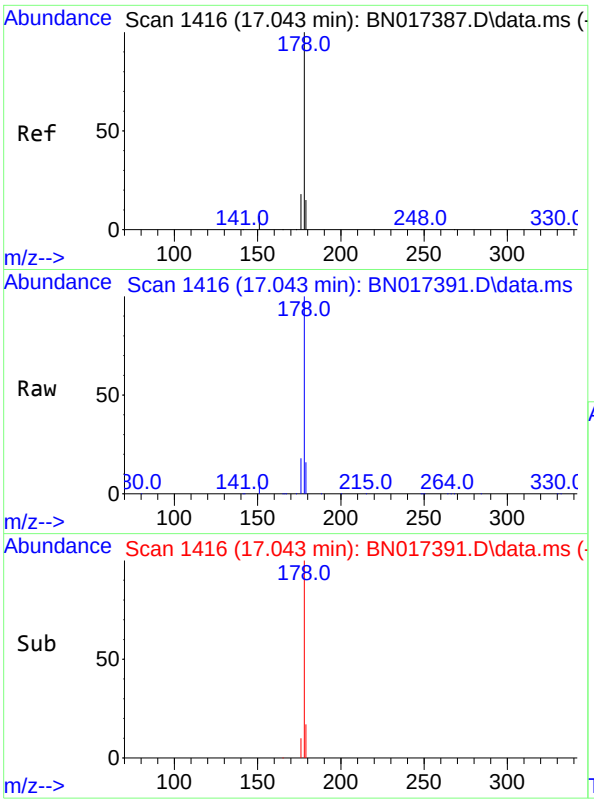


#25
Phenanthrene
Concen: 4.631 ng
RT: 16.946 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:178 Resp: 1545780

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.3	18.5



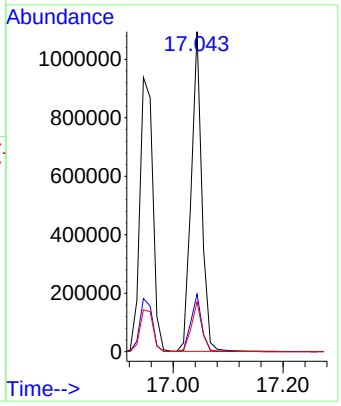


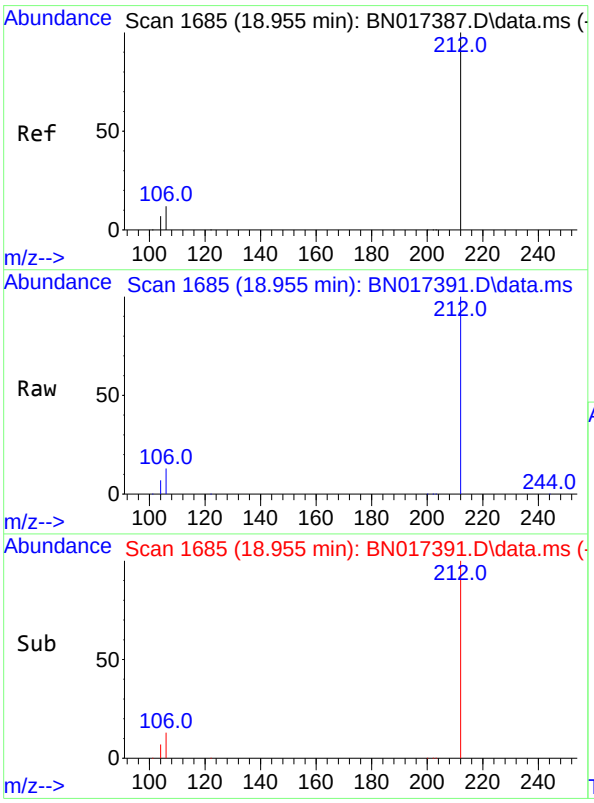
#26
Anthracene
Concen: 5.270 ng
RT: 17.043 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 1465584

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.2	18.4

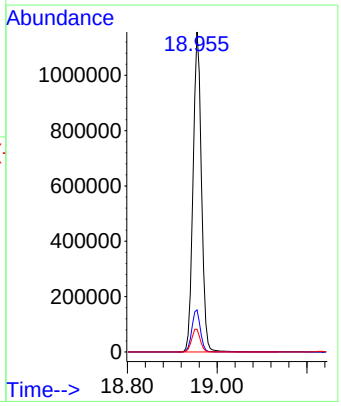


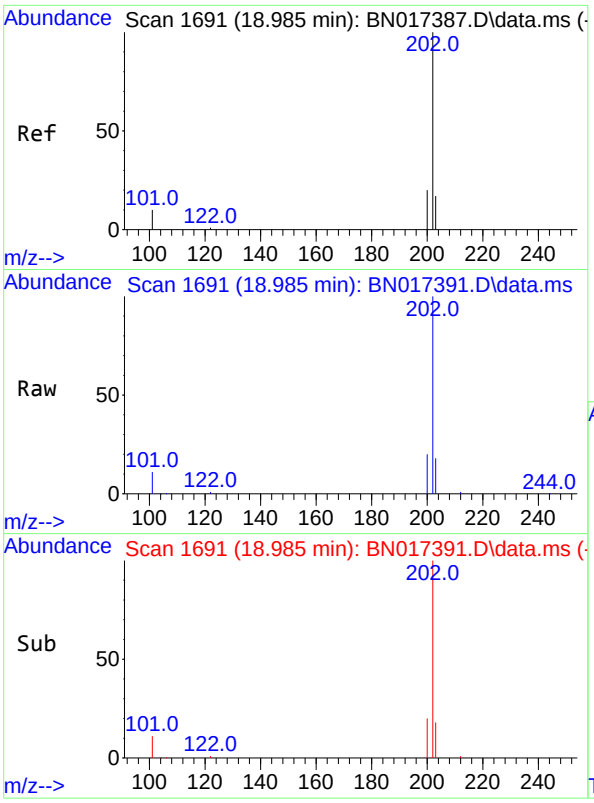


#27
Fluoranthene-d10
Concen: 5.063 ng
RT: 18.955 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:212 Resp: 1503830

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.5	15.7
104	7.4	5.8	8.6



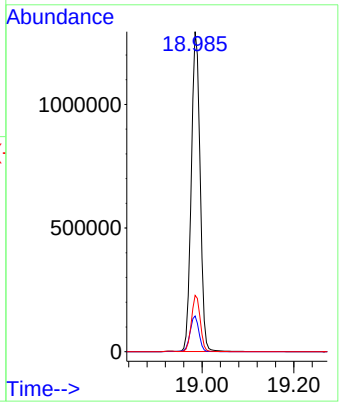


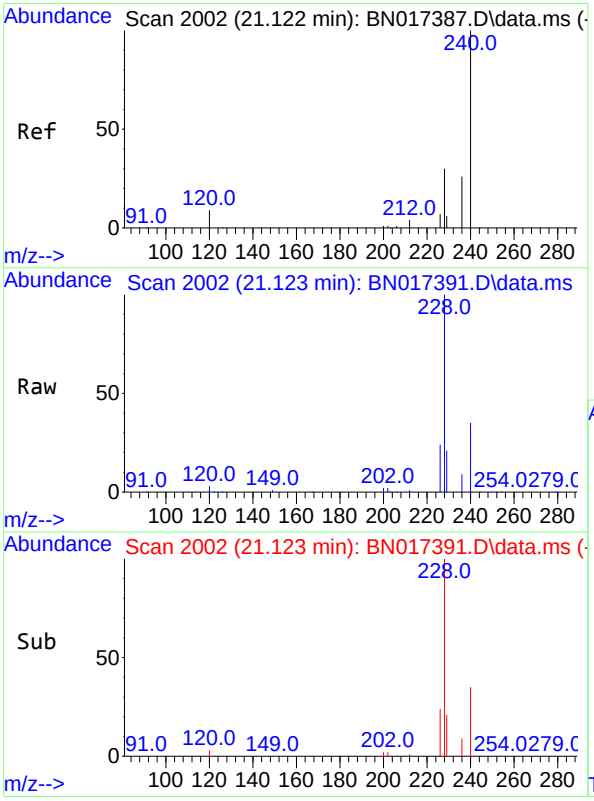
#28
Fluoranthene
Concen: 4.791 ng
RT: 18.985 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 1725126

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
203	17.6	13.8	20.6

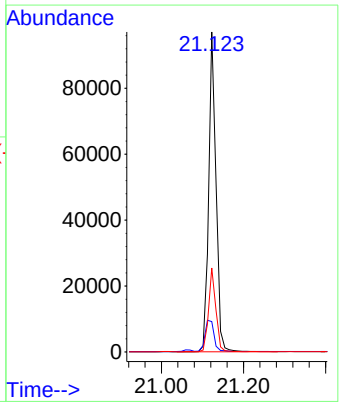


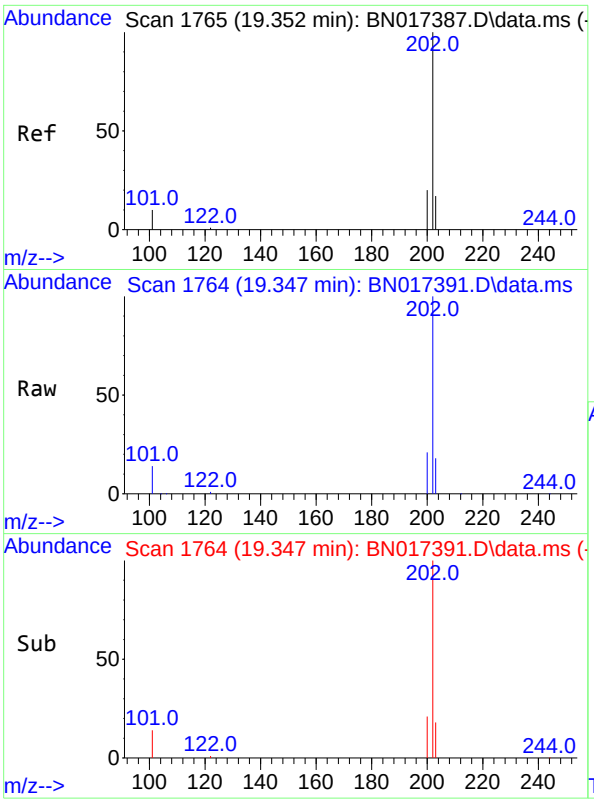


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:240 Resp: 120395

Ion	Ratio	Lower	Upper
240	100		
120	9.5	4.2	6.2#
236	26.2	20.0	30.0



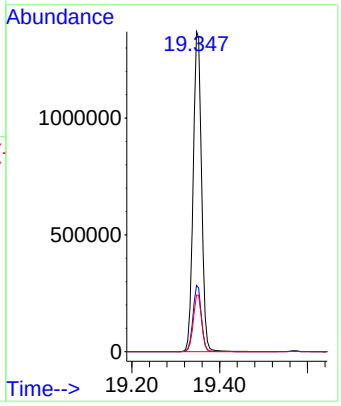


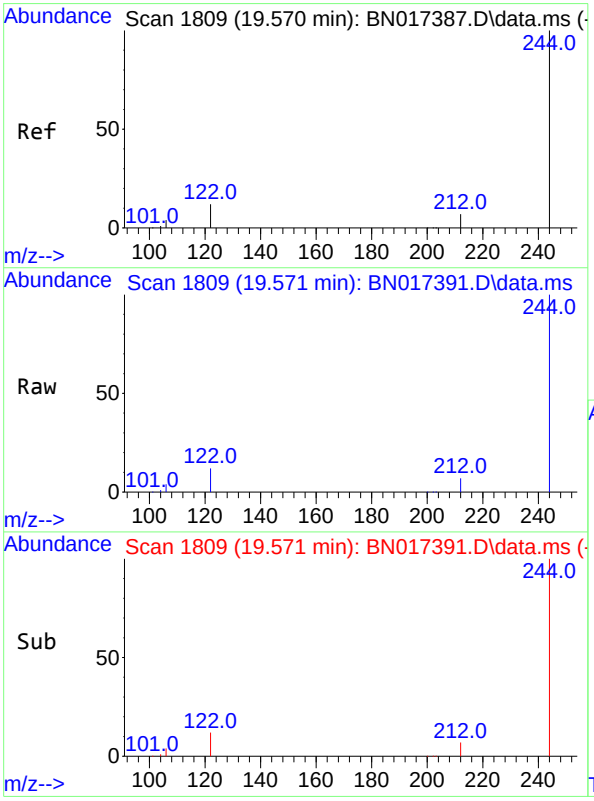
#30
Pyrene
Concen: 4.653 ng
RT: 19.347 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 1810117

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.8	14.0	21.0

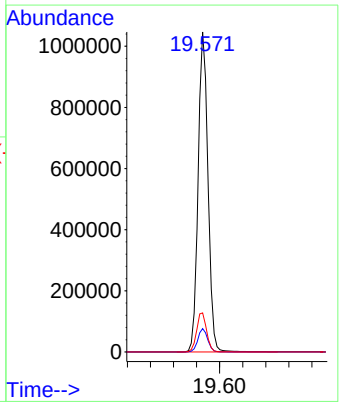


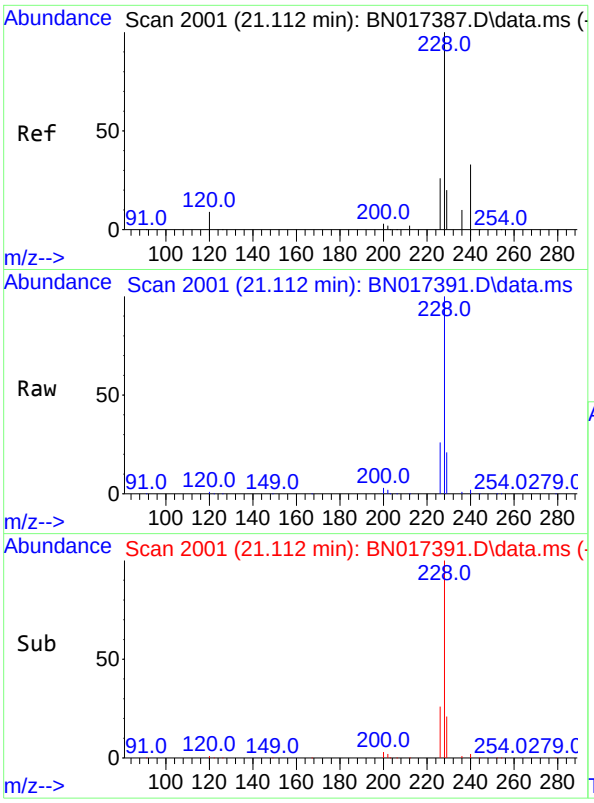


#31
Terphenyl-d14
Concen: 4.634 ng
RT: 19.571 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:244 Resp: 1242958

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.2	8.6	13.0



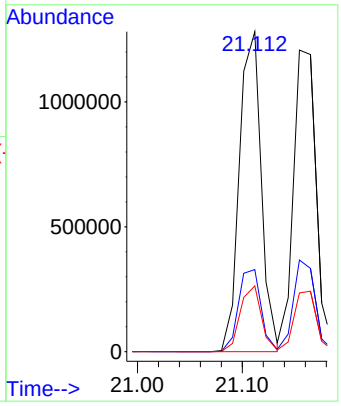


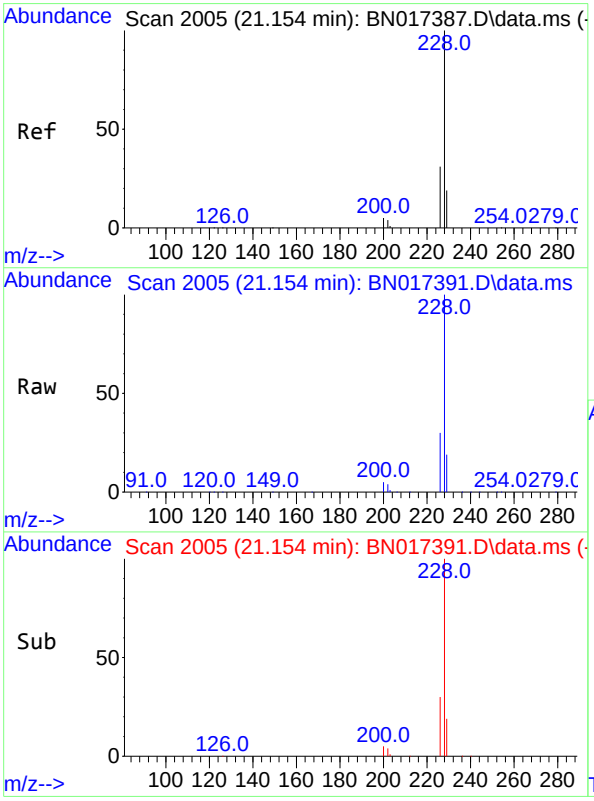
#32
Benzo(a)anthracene
Concen: 5.076 ng
RT: 21.112 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 1854280

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.3	31.9
229	20.5	15.7	23.5

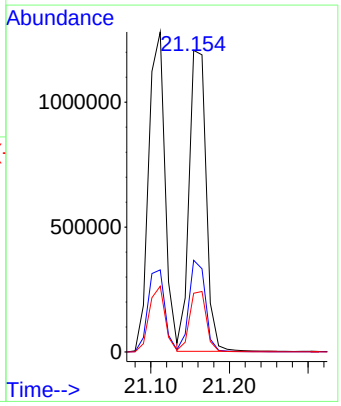


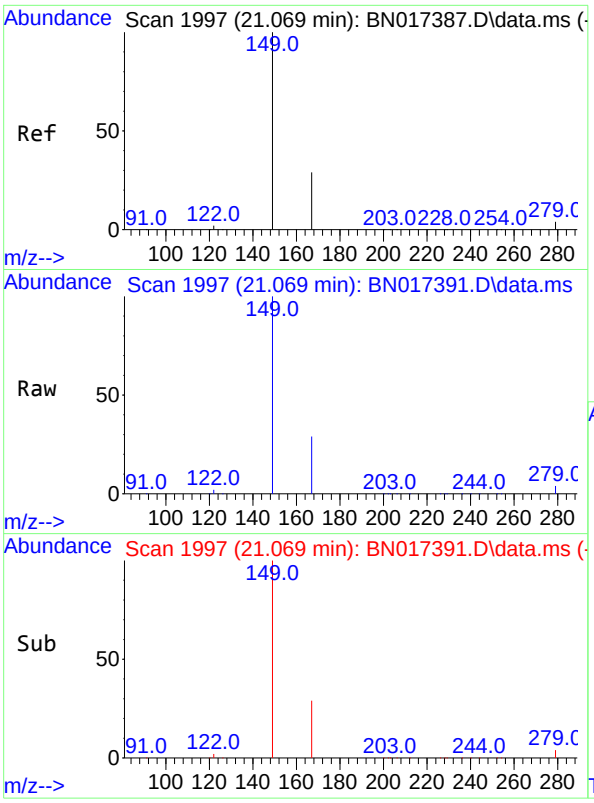


#33
Chrysene
Concen: 4.652 ng
RT: 21.154 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:228 Resp: 1808578

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	19.5	15.6	23.4



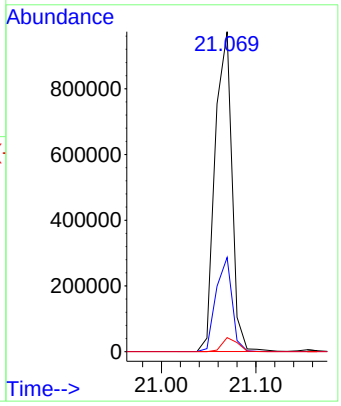


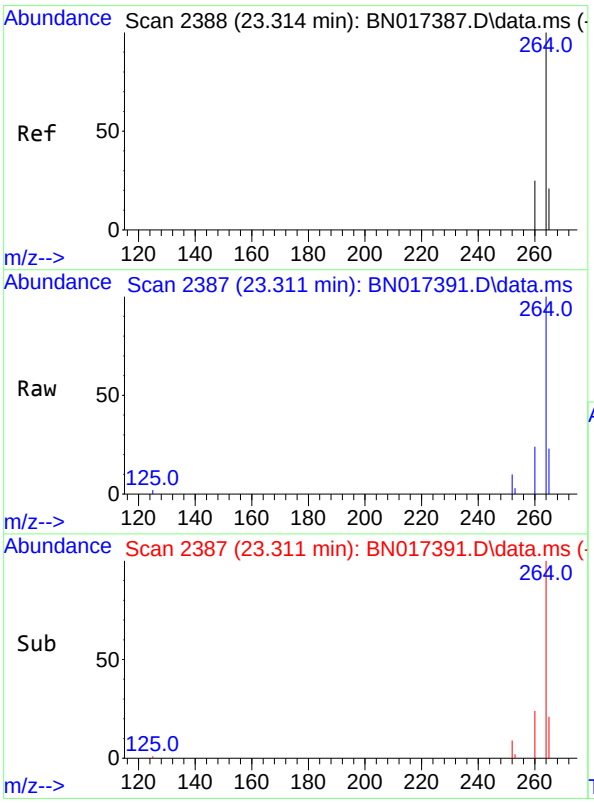
#34
Bis(2-ethylhexyl)phthalate
Concen: 9.365 ng
RT: 21.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 1207044

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.6
279	4.1	3.4	5.0

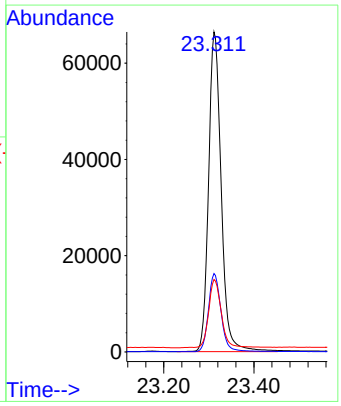


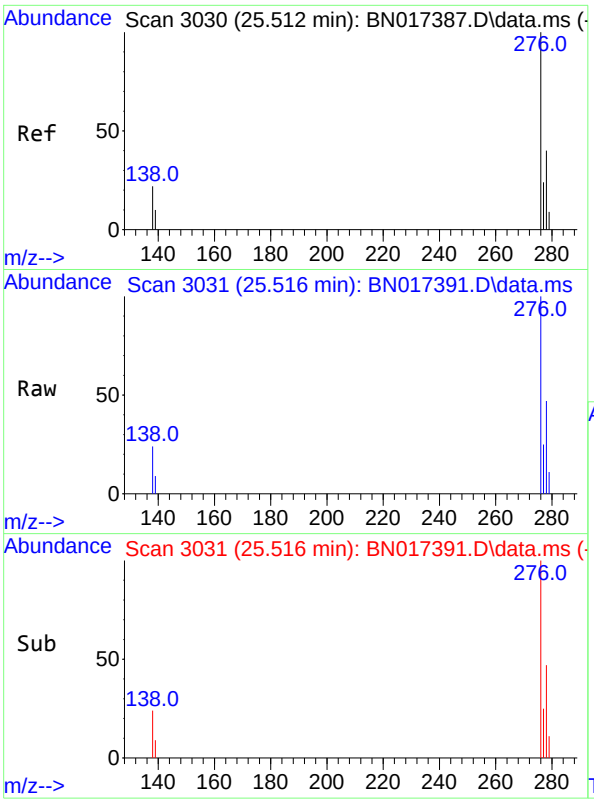


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.311 min Scan# 2387
Delta R.T. -0.003 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:264 Resp: 129286

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.7	18.6	28.0



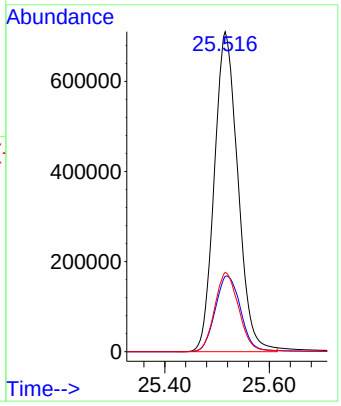


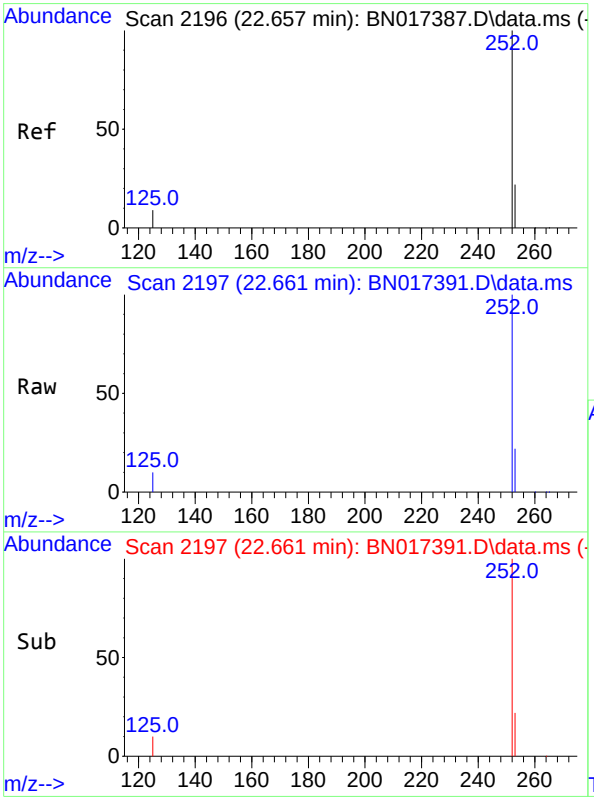
#36
Indeno(1,2,3-cd)pyrene
Concen: 4.902 ng
RT: 25.516 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 2218684

Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.7	29.5
277	25.2	20.0	30.0

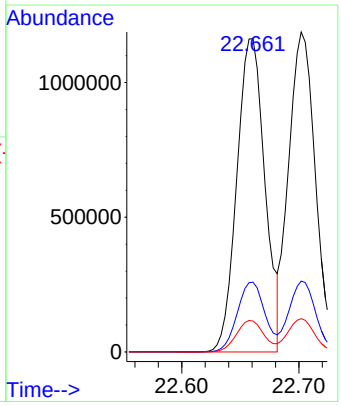


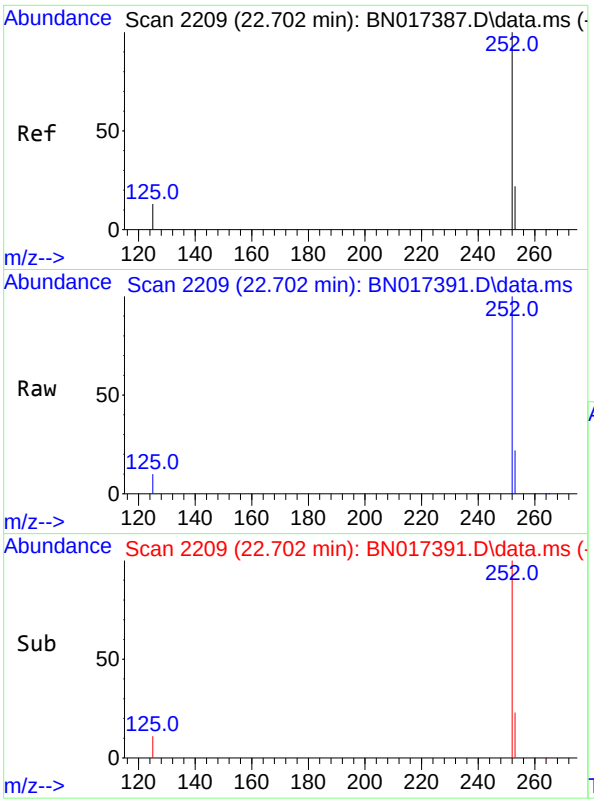


#37
Benzo(b)fluoranthene
Concen: 4.575 ng
RT: 22.661 min Scan# 2197
Delta R.T. 0.004 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:252 Resp: 1933448

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.9	7.8	11.8



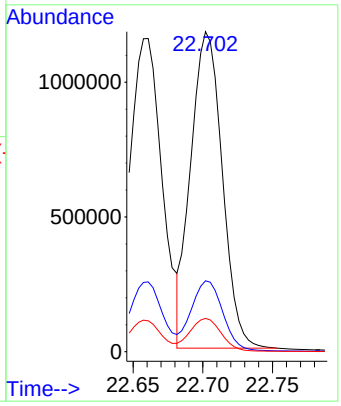


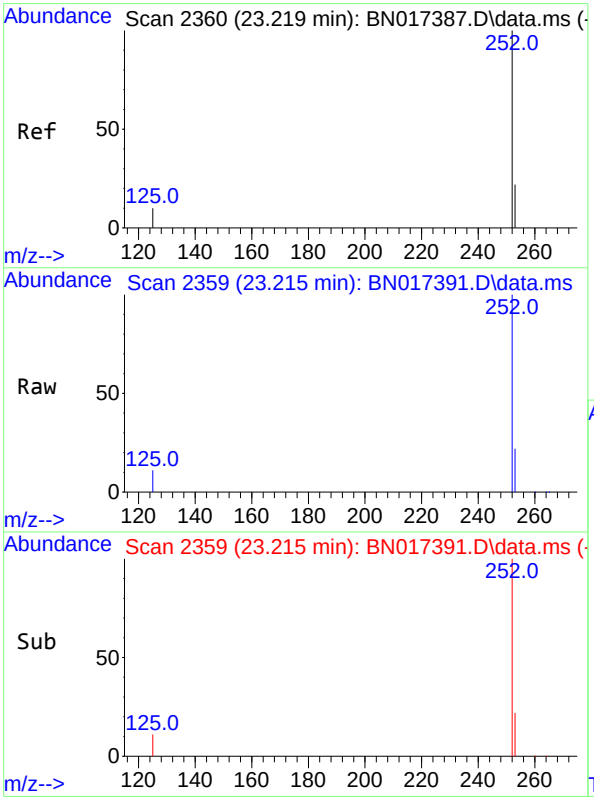
#38
Benzo(k)fluoranthene
Concen: 4.361 ng
RT: 22.702 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 1843529

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.4	8.2	12.2

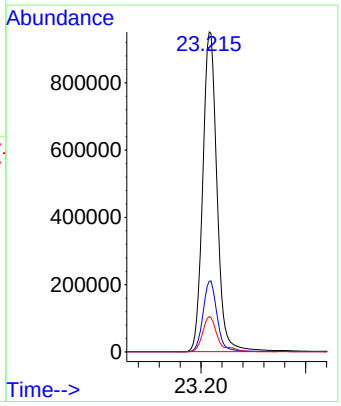


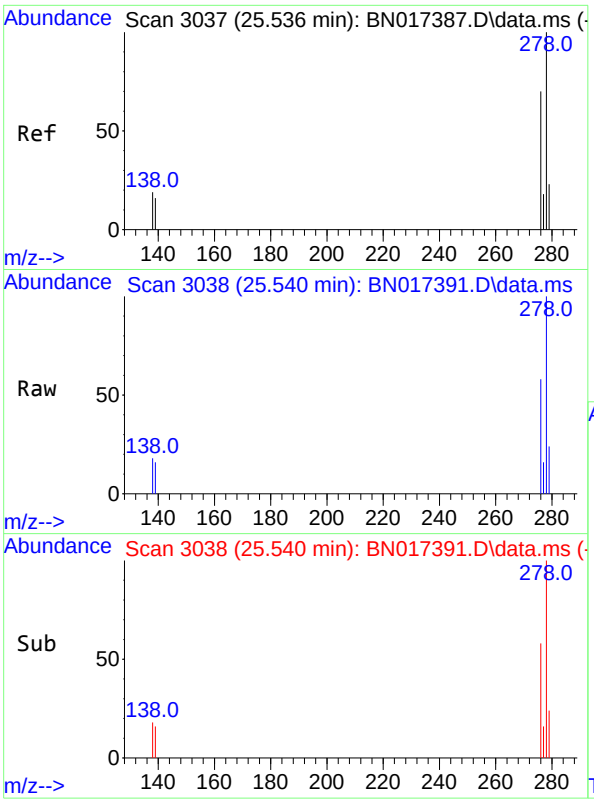


#39
Benzo(a)pyrene
Concen: 4.794 ng
RT: 23.215 min Scan# 2359
Delta R.T. -0.003 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:252 Resp: 1793695

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.0	9.2	13.8



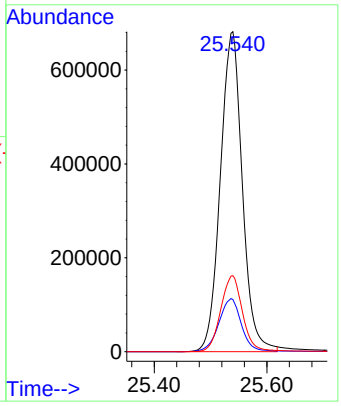


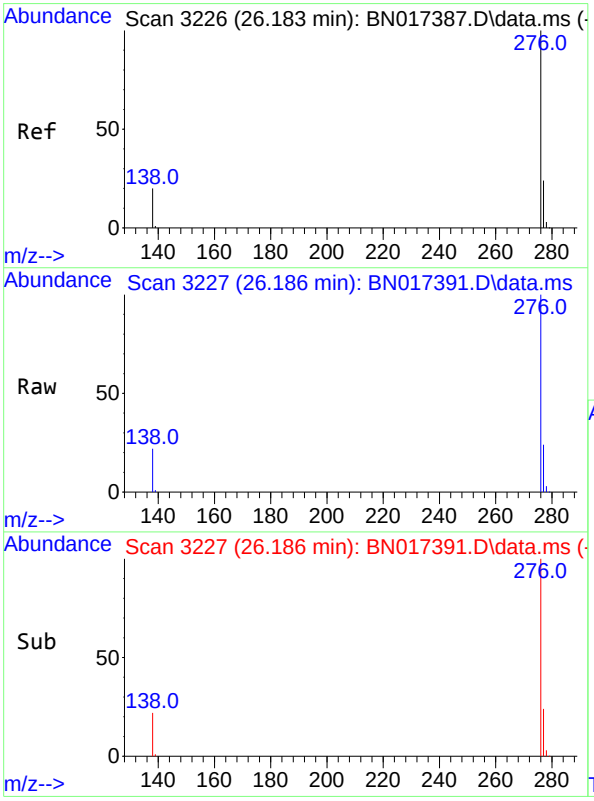
#40
Dibenzo(a,h)anthracene
Concen: 5.065 ng
RT: 25.540 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 1844127

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	23.7	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 4.954 ng
RT: 26.186 min Scan# 3227
Delta R.T. 0.004 min
Lab File: BN017391.D
Acq: 10 Nov 2021 21:28

Tgt Ion:276 Resp: 1945120

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	21.7	17.1	25.7