Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111121\
Data File : BN017389.D
Acq On : 10 Nov 2021 20:16
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 11 07:21:32 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	24608	0.400	ng	0.00
7) Naphthalene-d8	10.281	136	107336	0.400	ng	# 0.00
13) Acenaphthene-d10	14.156	164	56239	0.400	ng	0.00
19) Phenanthrene-d10	16.909	188	105274	0.400	ng	0.00
29) Chrysene-d12	21.122	240	112026	0.400	ng	# 0.00
35) Perylene-d12	23.315	264	113734	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.126	112	97349	1.716	ng	0.00
5) Phenol-d6	6.703	99	111320	1.781	ng	0.00
8) Nitrobenzene-d5	8.659	82	122535	1.902	ng	0.00
11) 2-Methylnaphthalene-d10	11.880	152	255387	1.616	ng	0.00
14) 2,4,6-Tribromophenol	15.653	330	38014	1.811	ng	-0.01
15) 2-Fluorobiphenyl	12.773	172	357613	1.672	ng	0.00
27) Fluoranthene-d10	18.955	212	470227	1.752	ng	0.00
31) Terphenyl-d14	19.571	244	395101	1.583	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.107	88	17916	1.300	ng	# 89
3) n-Nitrosodimethylamine	3.430	42	41777	1.976	ng	# 99
6) bis(2-Chloroethyl)ether	6.961	93	110420	1.677	ng	99
9) Naphthalene	10.332	128	466438	1.649	ng	99
10) Hexachlorobutadiene	10.623	225	88987	1.605	ng	# 100
12) 2-Methylnaphthalene	11.955	142	298830	1.606	ng	99
16) Acenaphthylene	13.864	152	428671	1.870	ng	100
17) Acenaphthene	14.219	154	264762	1.677	ng	99
18) Fluorene	15.209	166	322739	1.712	ng	100
20) 4,6-Dinitro-2-methylph...	15.310	198	26897	2.495	ng	93
21) 4-Bromophenyl-phenylether	16.118	248	103899	1.762	ng	# 61
22) Hexachlorobenzene	16.216	284	110092	1.665	ng	99
23) Atrazine	16.398	200	76410	1.917	ng	97
24) Pentachlorophenol	16.569	266	42235	1.811	ng	100
25) Phenanthrene	16.946	178	507439	1.682	ng	100
26) Anthracene	17.043	178	457767	1.822	ng	100
28) Fluoranthene	18.985	202	573572	1.763	ng	100
30) Pyrene	19.347	202	582131	1.608	ng	100
32) Benzo(a)anthracene	21.101	228	601797	1.770	ng	98
33) Chrysene	21.154	228	597605	1.652	ng	98
34) Bis(2-ethylhexyl)phtha...	21.069	149	296468	2.472	ng	99
36) Indeno(1,2,3-cd)pyrene	25.512	276	729207	1.832	ng	99
37) Benzo(b)fluoranthene	22.657	252	606856	1.632	ng	100
38) Benzo(k)fluoranthene	22.702	252	614518	1.652	ng	99
39) Benzo(a)pyrene	23.215	252	566677	1.722	ng	99
40) Dibenzo(a,h)anthracene	25.533	278	596750	1.863	ng	99
41) Benzo(g,h,i)perylene	26.183	276	661398	1.915	ng	99

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

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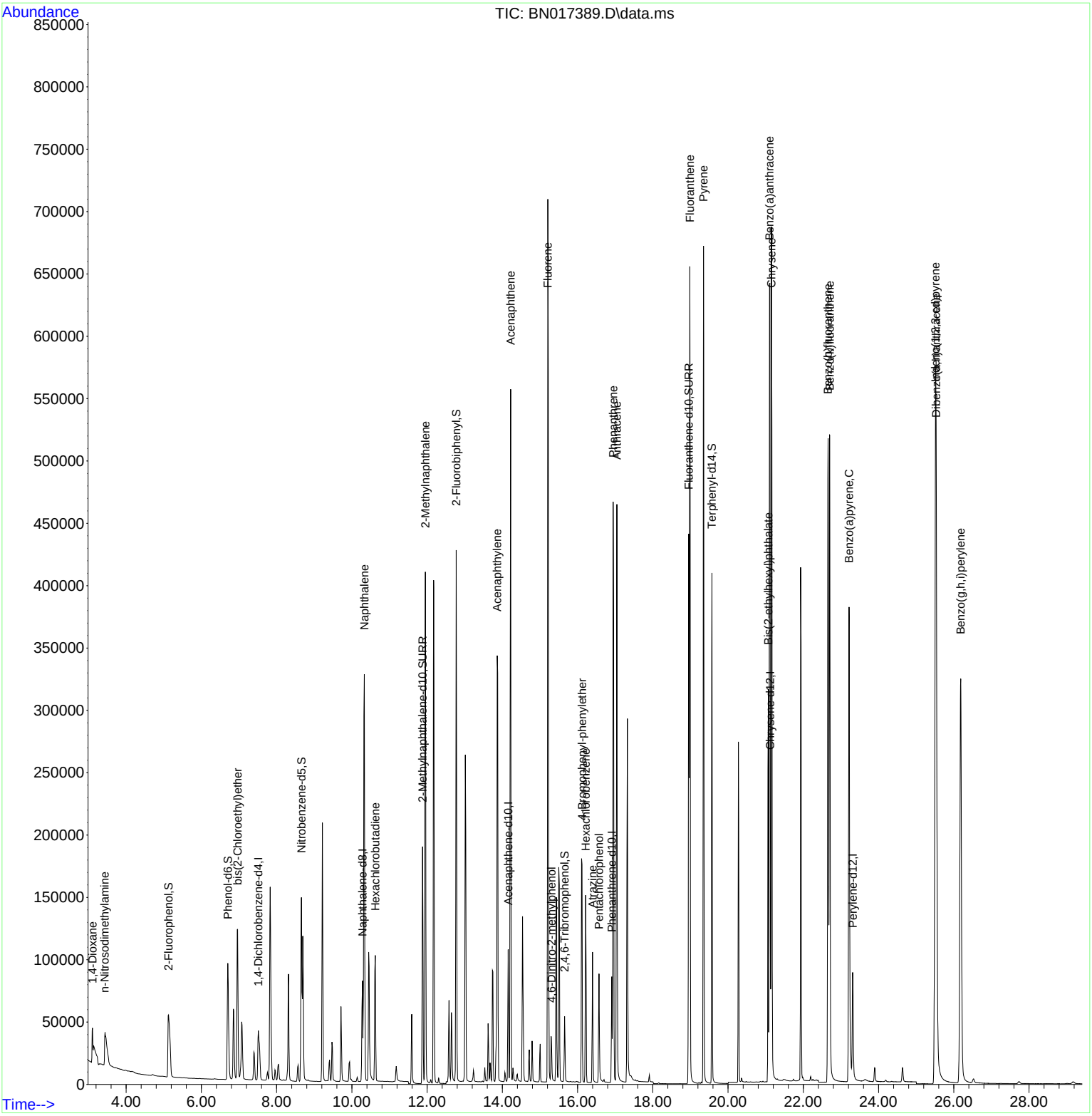
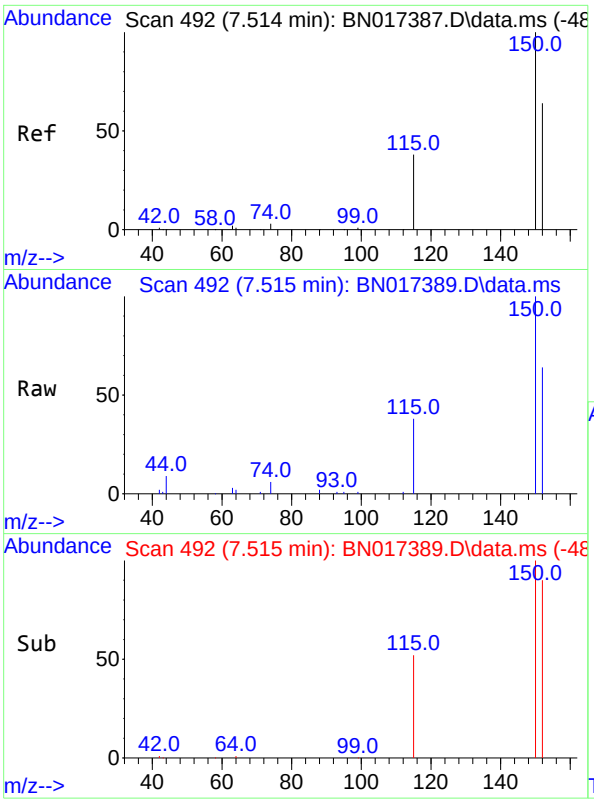
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 11 07:21:32 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



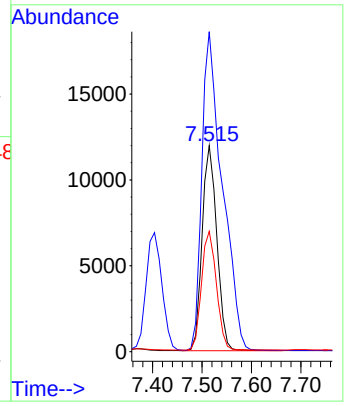


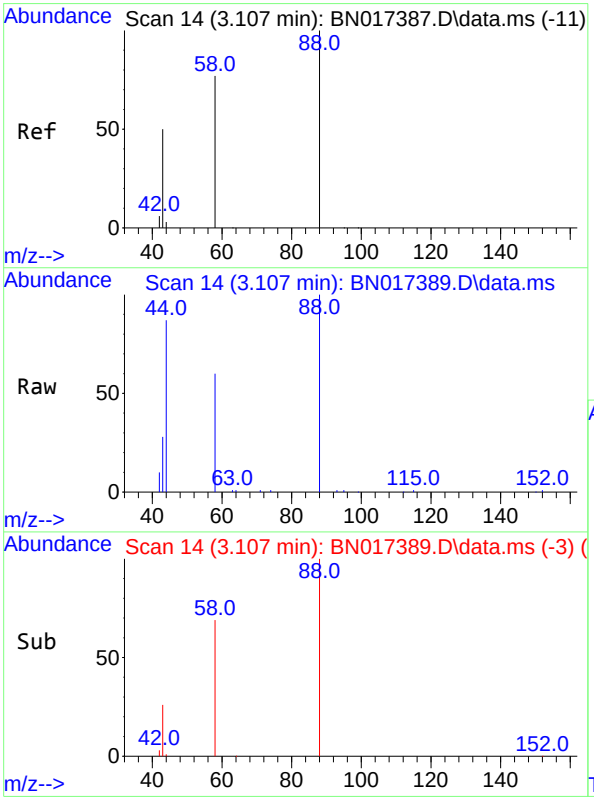
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.515 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 24608

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.0	184.4
115	58.4	45.6	68.4

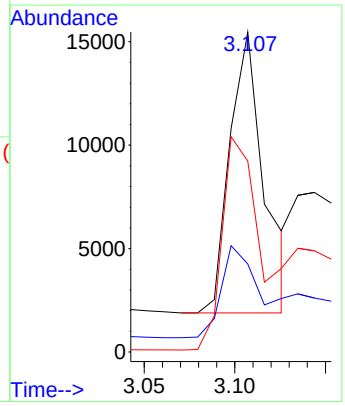


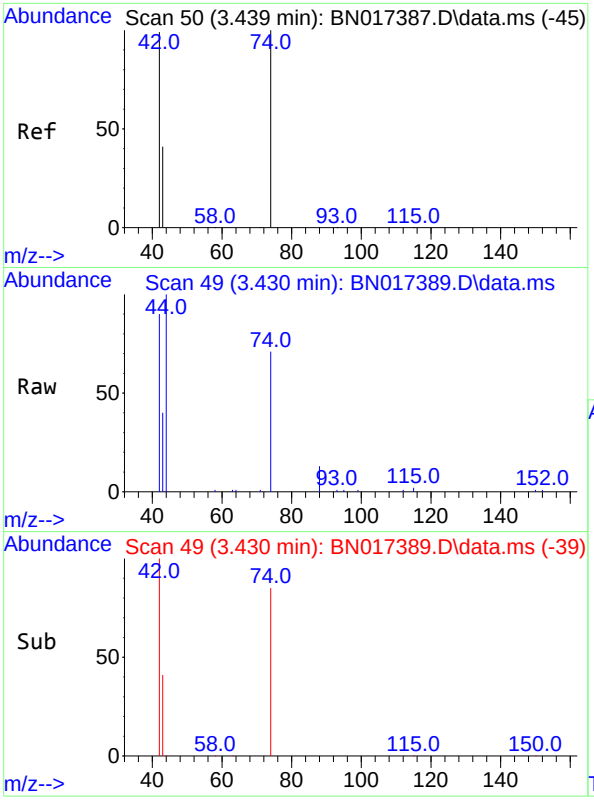


#2
1,4-Dioxane
Concen: 1.300 ng
RT: 3.107 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion: 88 Resp: 17916

Ion	Ratio	Lower	Upper
88	100		
43	38.4	24.7	37.1#
58	87.5	63.0	94.6



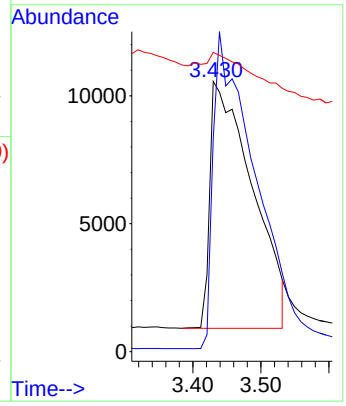


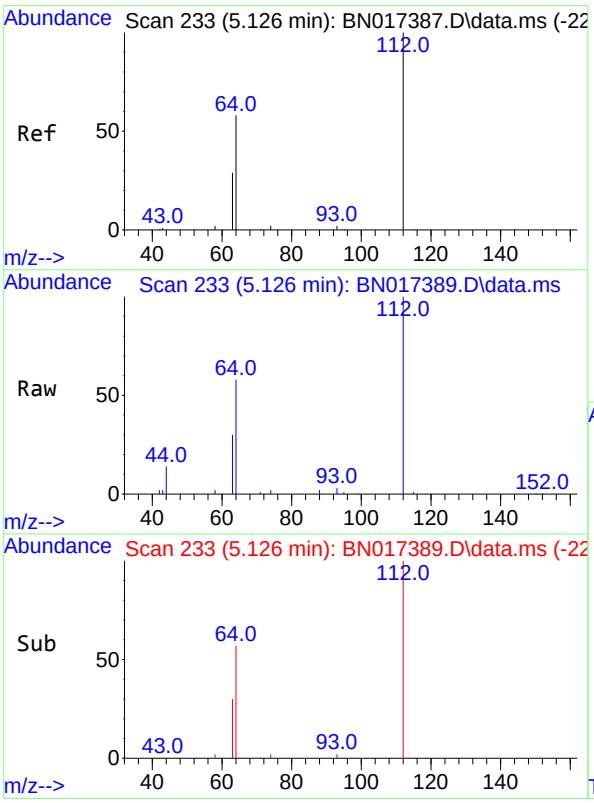
#3
n-Nitrosodimethylamine
Concen: 1.976 ng
RT: 3.430 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 41777

Ion	Ratio	Lower	Upper
42	100		
74	122.0	97.8	146.6
44	12.5	5.5	8.3#

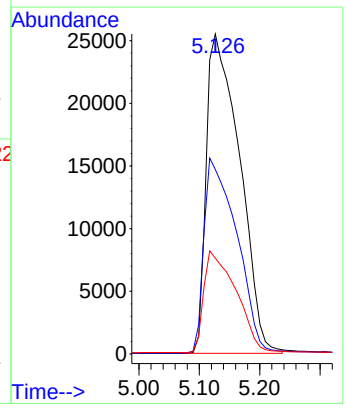


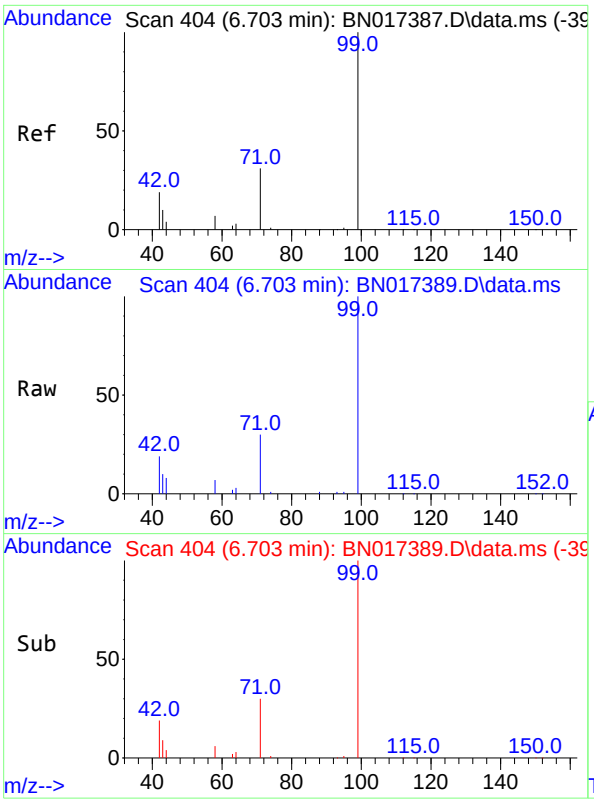


#4
2-Fluorophenol
Concen: 1.716 ng
RT: 5.126 min Scan# 233
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:112 Resp: 97349

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.6	71.4
63	30.9	24.6	37.0



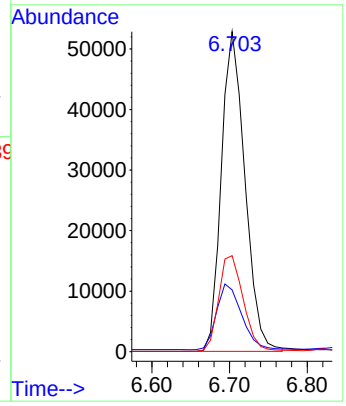


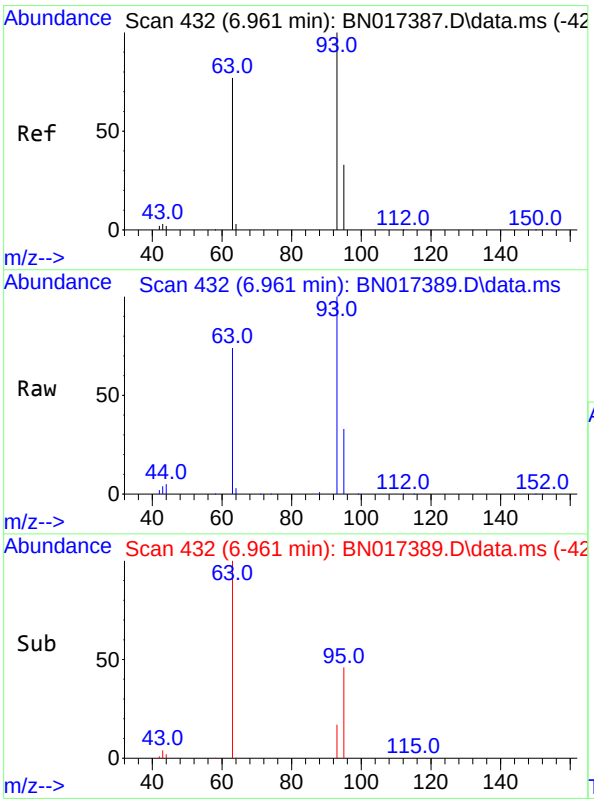
#5
Phenol-d6
Concen: 1.781 ng
RT: 6.703 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 111320

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.0	25.6
71	31.2	24.8	37.2

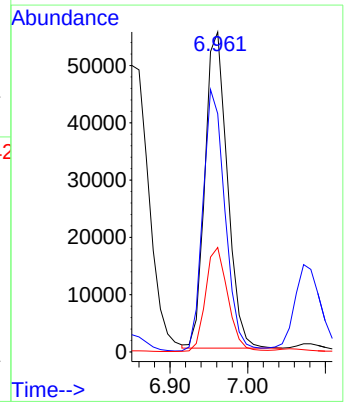


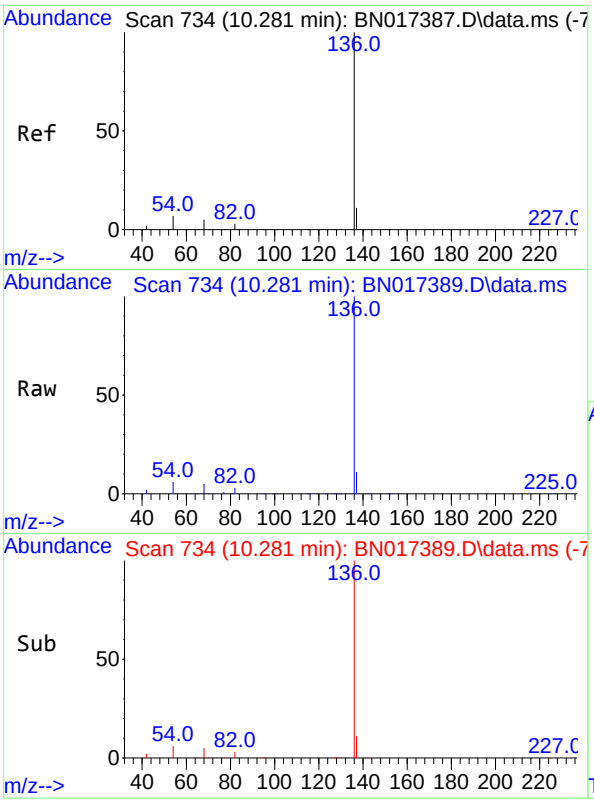


#6
bis(2-Chloroethyl)ether
Concen: 1.677 ng
RT: 6.961 min Scan# 432
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion: 93 Resp: 110420

Ion	Ratio	Lower	Upper
93	100		
63	81.6	65.8	98.6
95	32.8	26.6	39.8



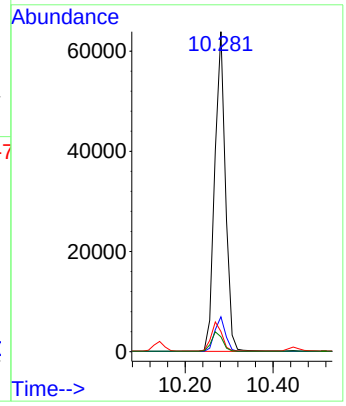


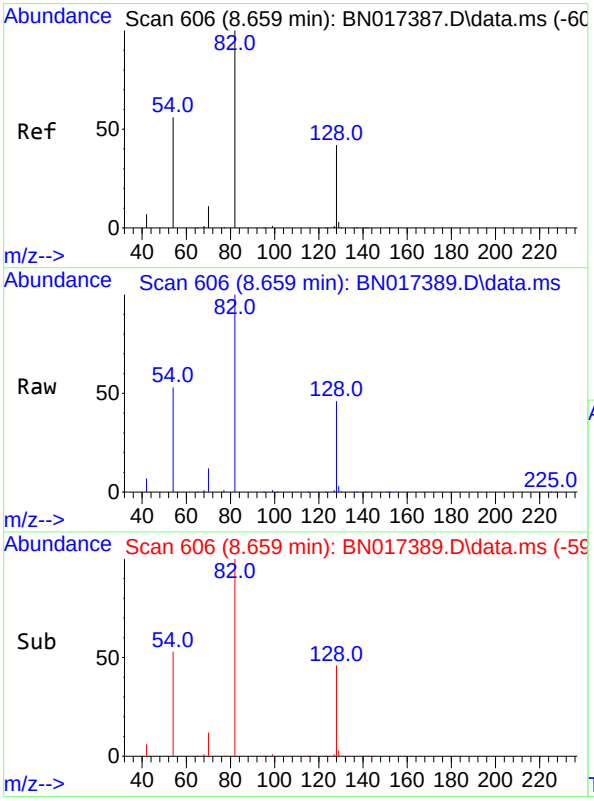
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.281 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 107336

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.3	4.0	6.0#
68	4.6	3.0	4.6#

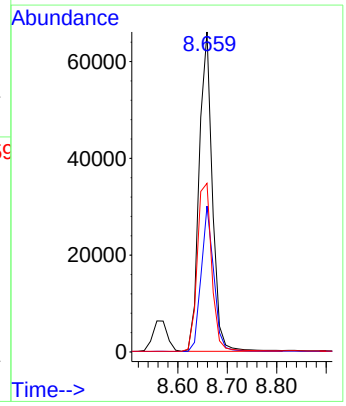


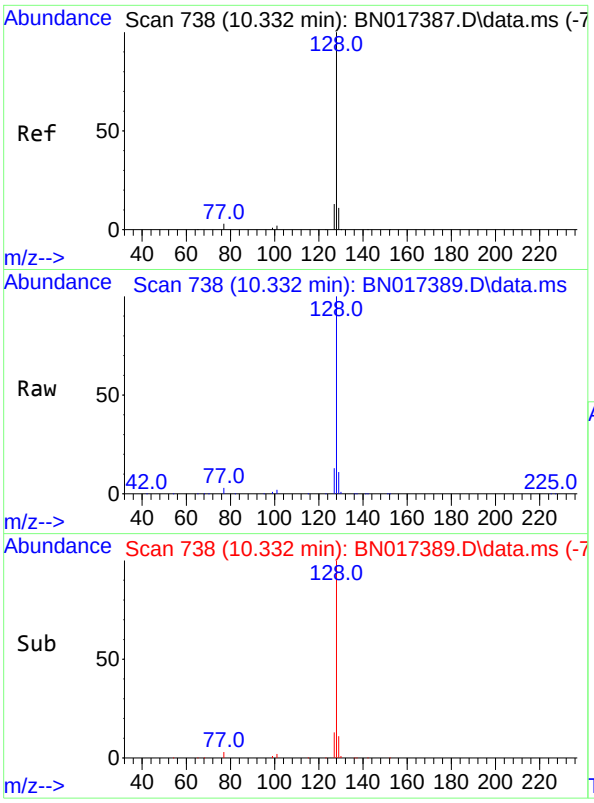


#8
Nitrobenzene-d5
Concen: 1.902 ng
RT: 8.659 min Scan# 606
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion: 82 Resp: 122535

Ion	Ratio	Lower	Upper
82	100		
128	45.6	27.7	41.5#
54	52.7	49.2	73.8



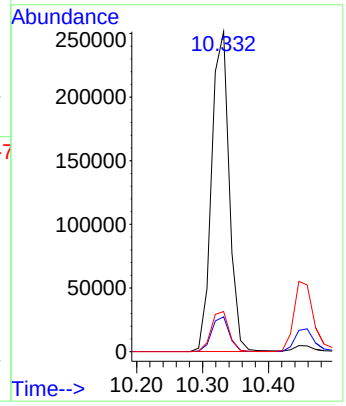


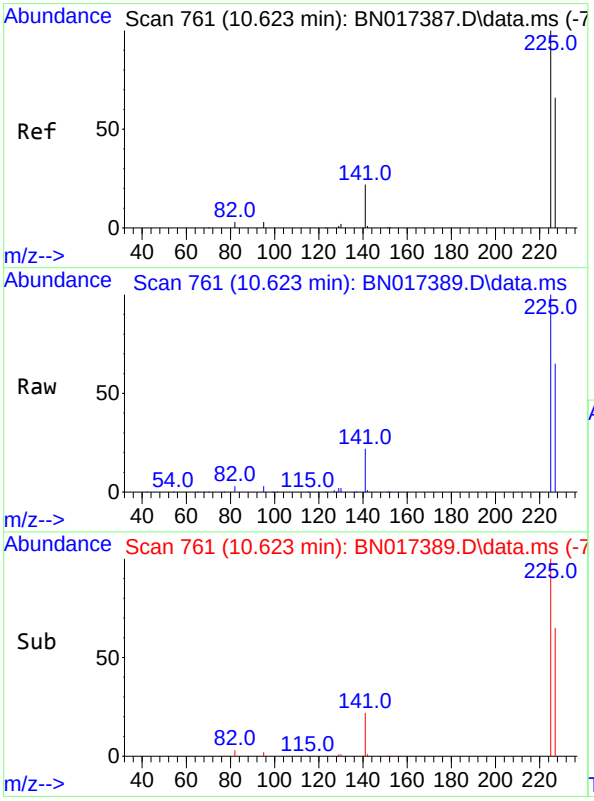
#9
Naphthalene
Concen: 1.649 ng
RT: 10.332 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 466438

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.6	10.6	15.8

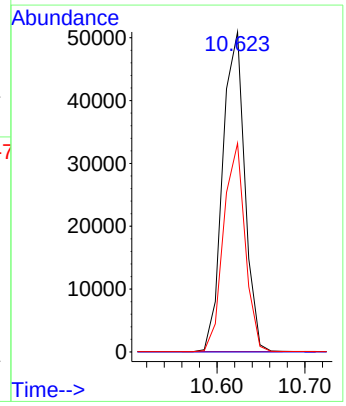


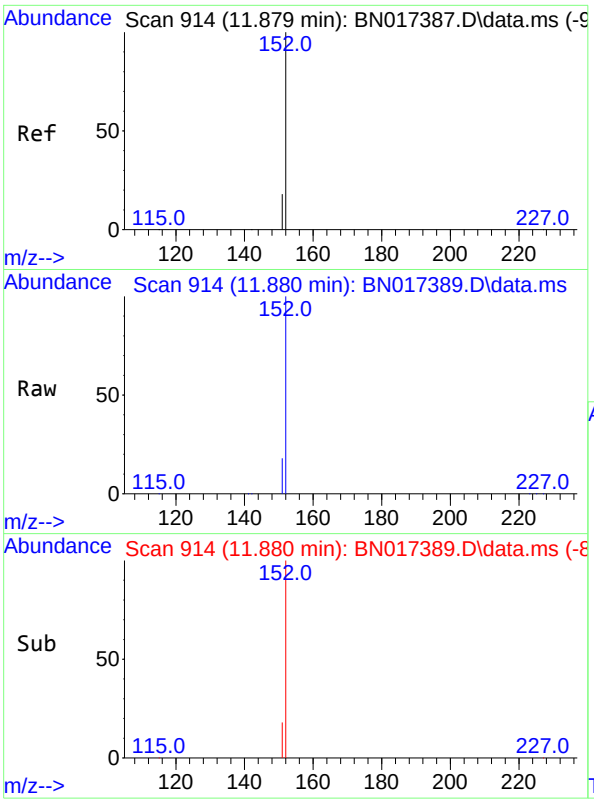


#10
Hexachlorobutadiene
Concen: 1.605 ng
RT: 10.623 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:225 Resp: 88987

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.1	76.7



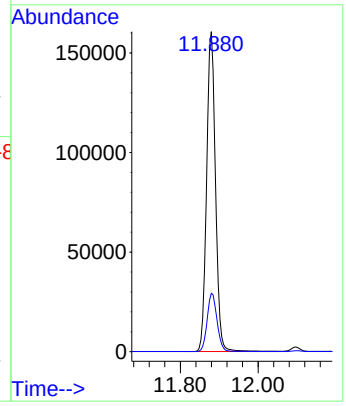


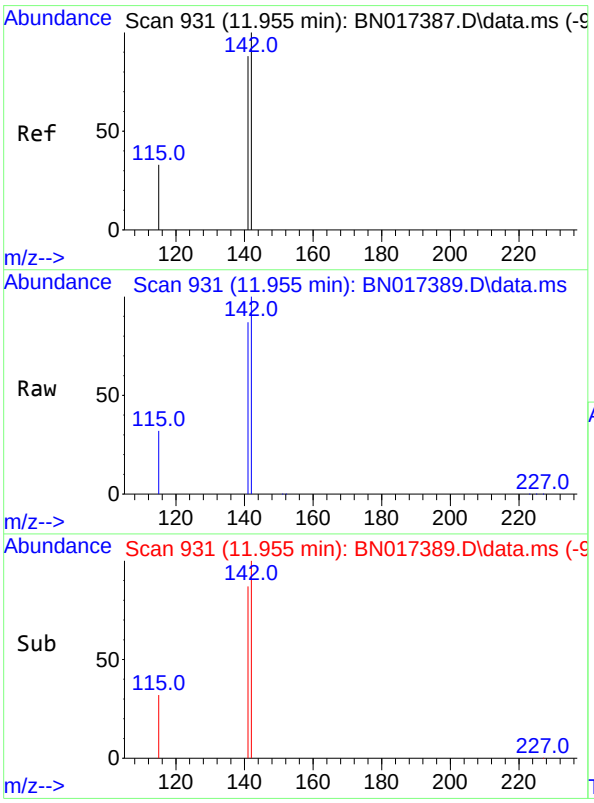
#11
2-Methylnaphthalene-d10
Concen: 1.616 ng
RT: 11.880 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 255387

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

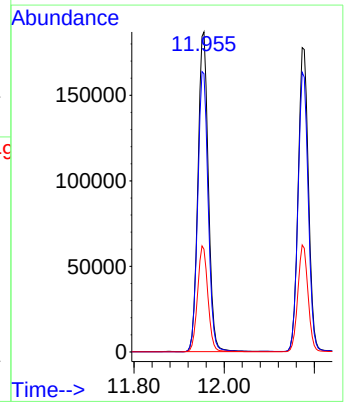


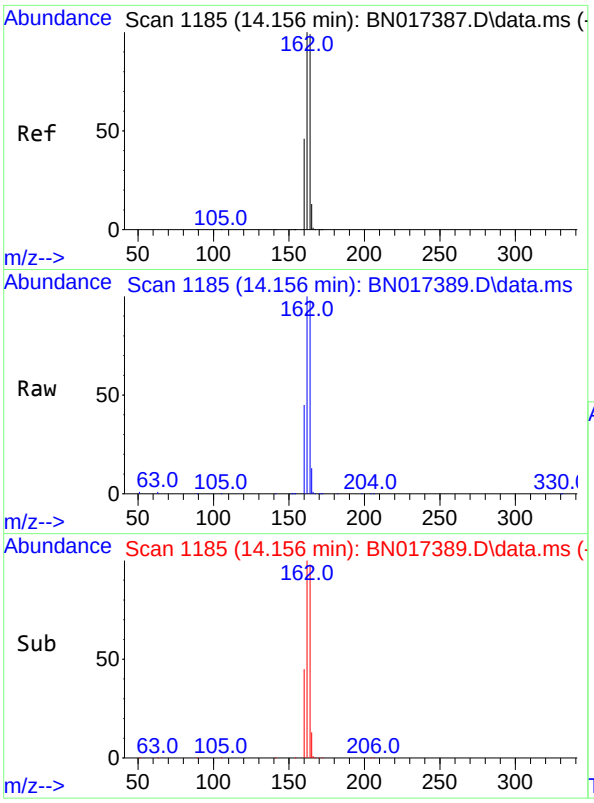


#12
2-Methylnaphthalene
Concen: 1.606 ng
RT: 11.955 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:142 Resp: 298830

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.6	106.0
115	32.1	25.8	38.6



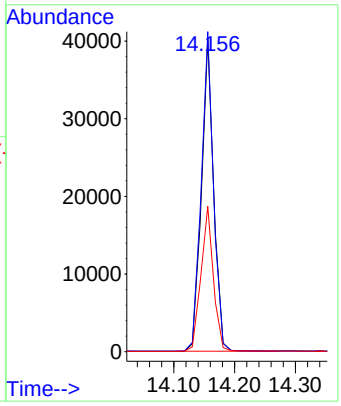


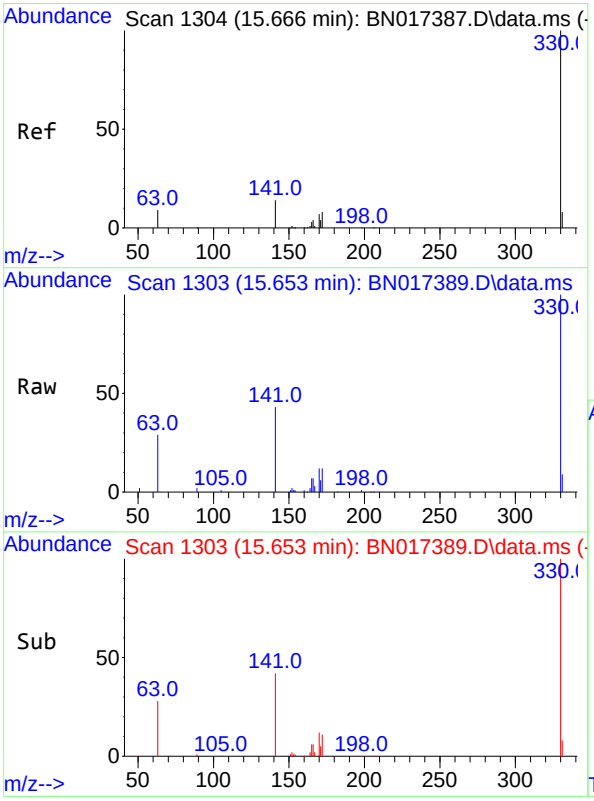
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.156 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 56239

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.4	122.2
160	46.5	36.8	55.2

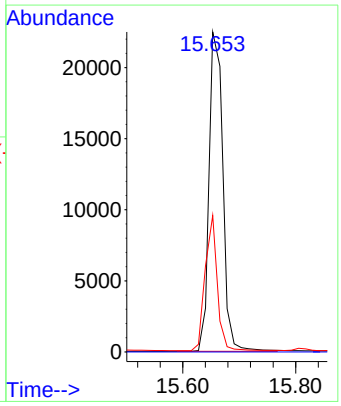


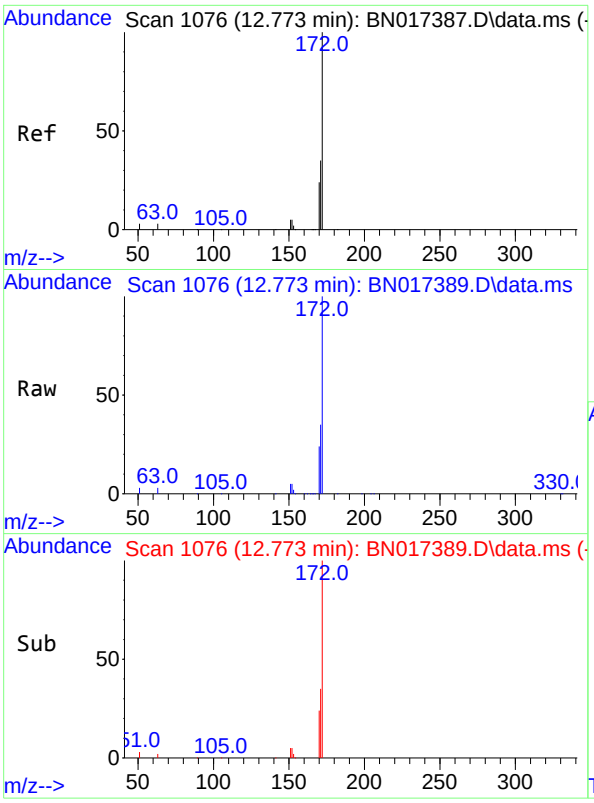


#14
2,4,6-Tribromophenol
Concen: 1.811 ng
RT: 15.653 min Scan# 1303
Delta R.T. -0.013 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:330 Resp: 38014

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.2	28.9	43.3



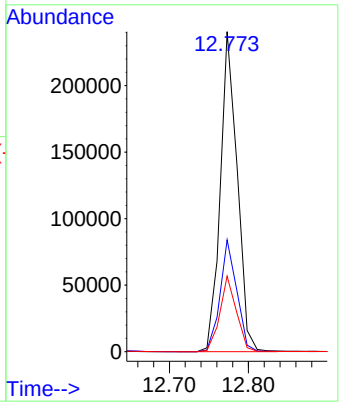


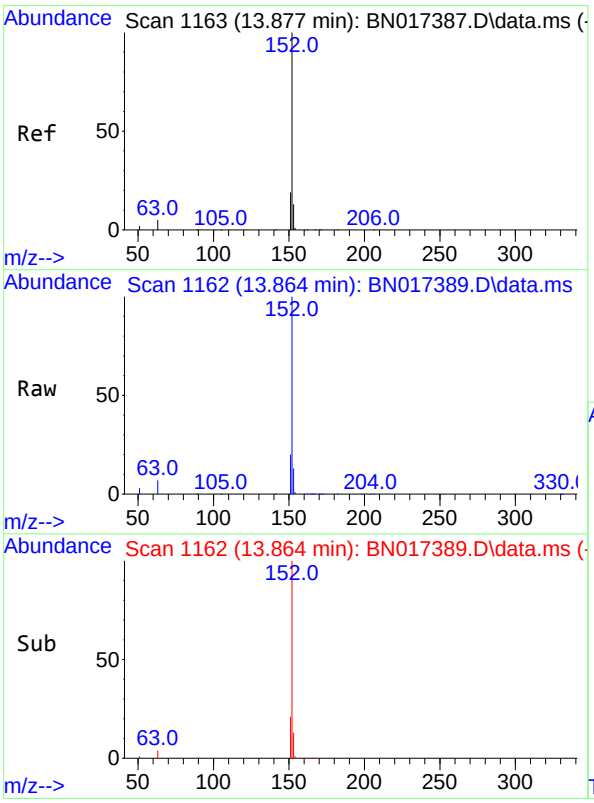
#15
2-Fluorobiphenyl
Concen: 1.672 ng
RT: 12.773 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 357613

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.6	19.4	29.2

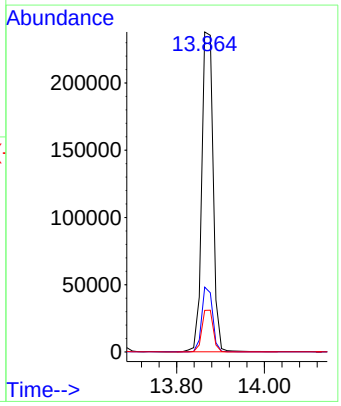


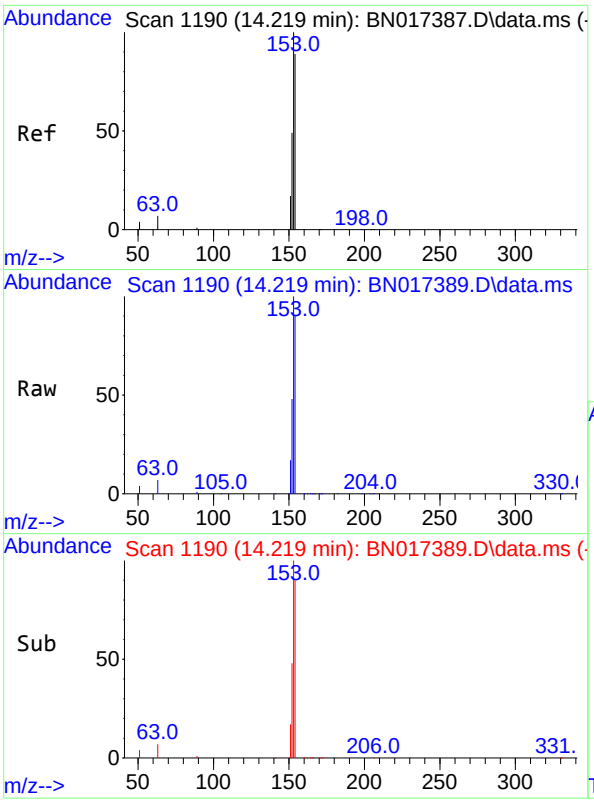


#16
Acenaphthylene
Concen: 1.870 ng
RT: 13.864 min Scan# 1162
Delta R.T. -0.013 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:152 Resp: 428671

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.1	10.4	15.6



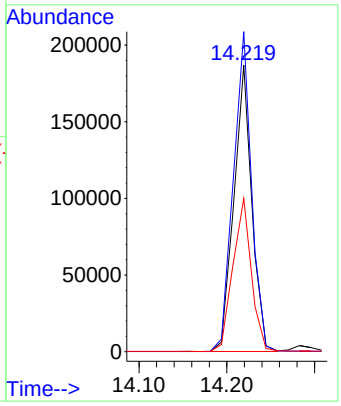


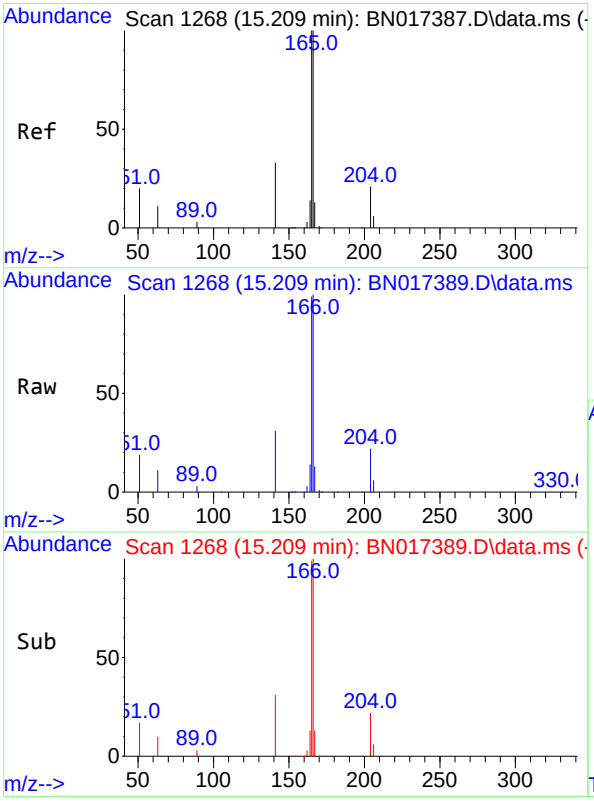
#17
Acenaphthene
Concen: 1.677 ng
RT: 14.219 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 264762

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	55.3	44.3	66.5

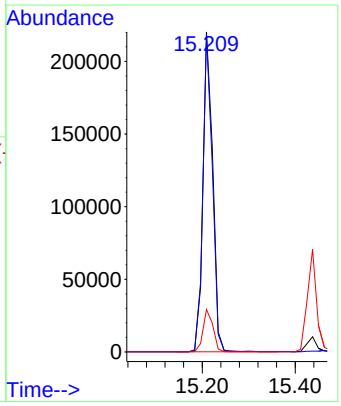


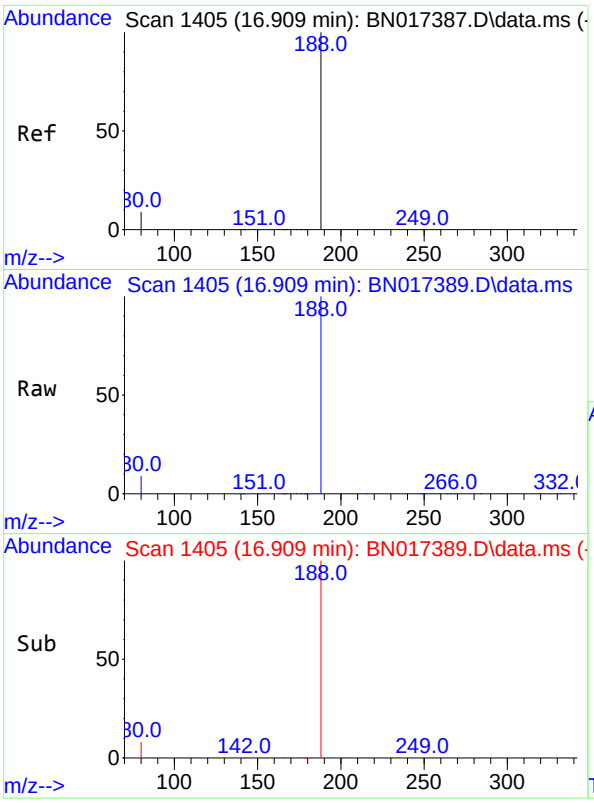


#18
Fluorene
Concen: 1.712 ng
RT: 15.209 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:166 Resp: 322739

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.5	10.9	16.3



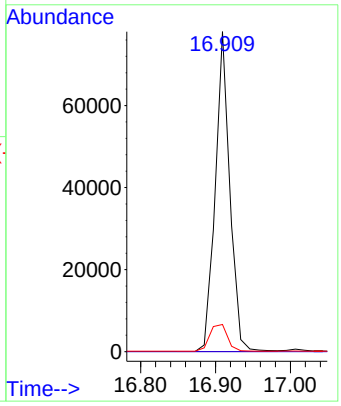


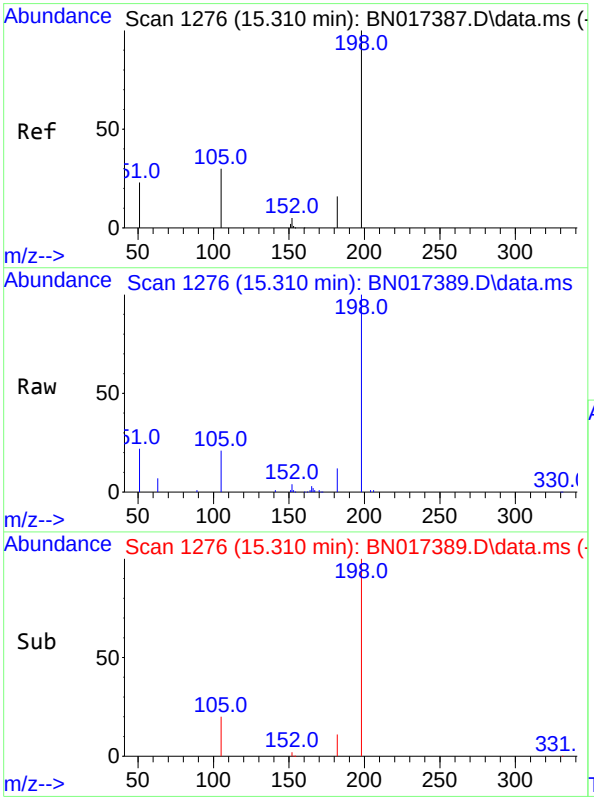
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.909 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 105274

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.1	9.1

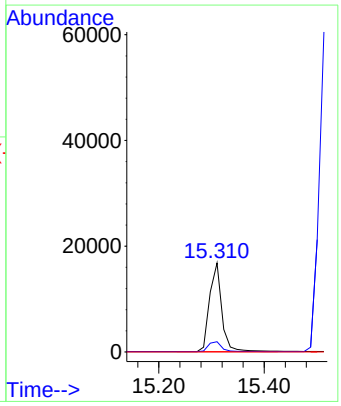


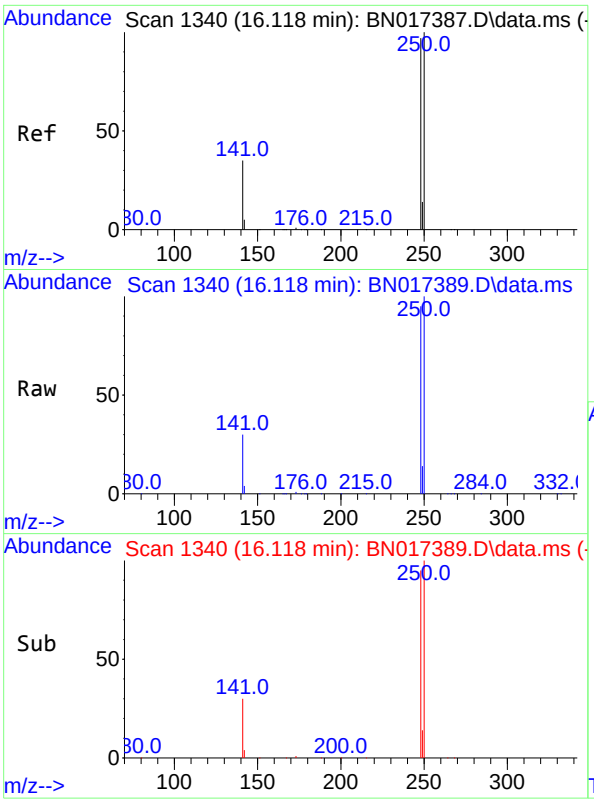


#20
4,6-Dinitro-2-methylphenol
Concen: 2.495 ng
RT: 15.310 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:198 Resp: 26897

Ion	Ratio	Lower	Upper
198	100		
182	11.6	11.4	17.2
77	0.0	0.0	0.0



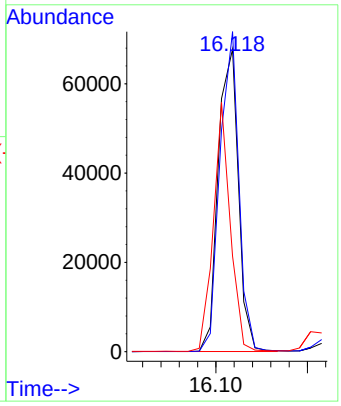


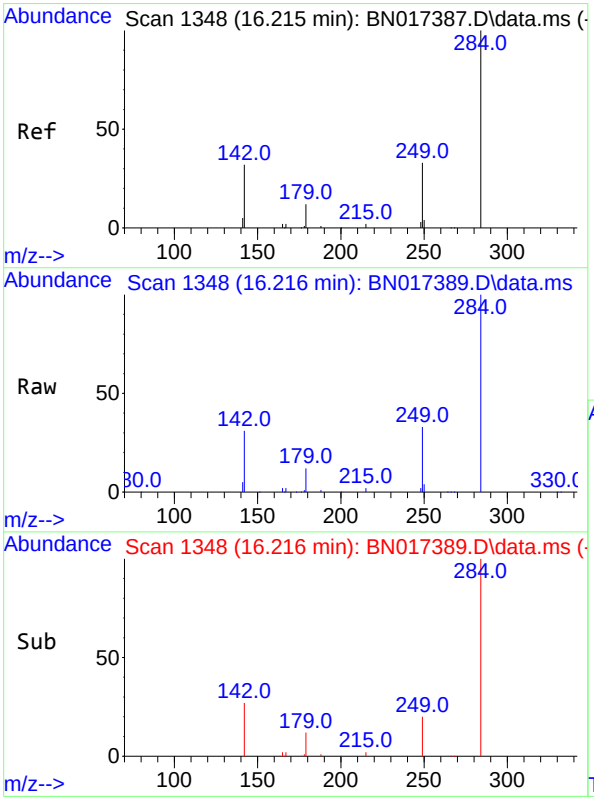
#21
4-Bromophenyl-phenylether
Concen: 1.762 ng
RT: 16.118 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 103899

Ion	Ratio	Lower	Upper
248	100		
250	105.8	71.8	107.8
141	31.6	70.9	106.3#

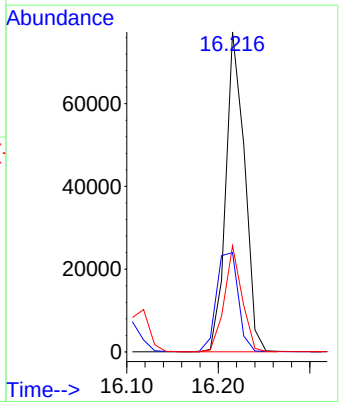


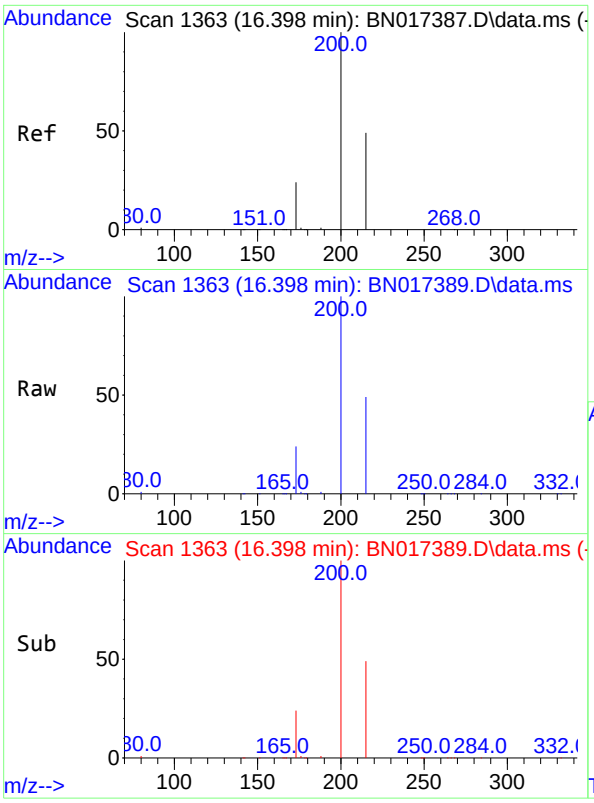


#22
Hexachlorobenzene
Concen: 1.665 ng
RT: 16.216 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:284 Resp: 110092

Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.2	42.2
249	30.8	24.4	36.6



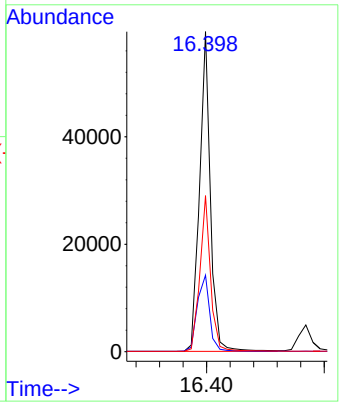


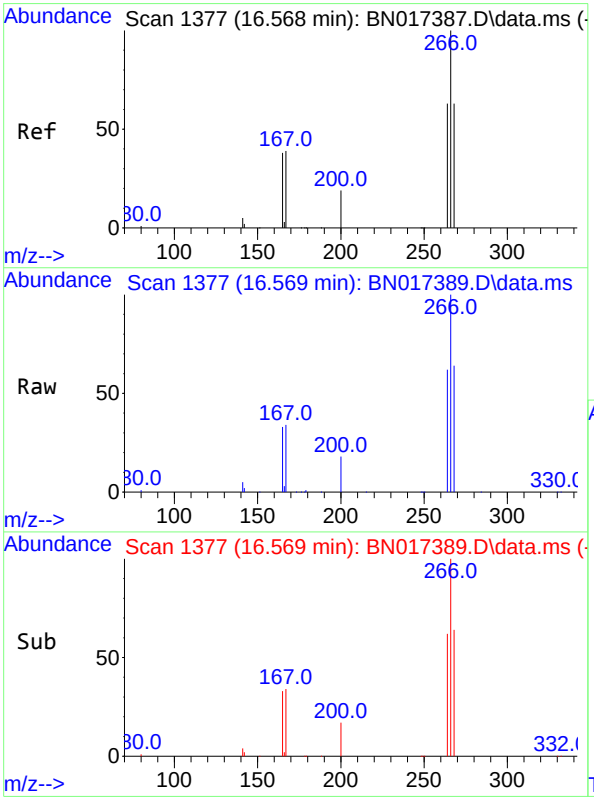
#23
Atrazine
Concen: 1.917 ng
RT: 16.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 76410

Ion	Ratio	Lower	Upper
200	100		
173	23.9	17.6	26.4
215	48.8	40.2	60.4

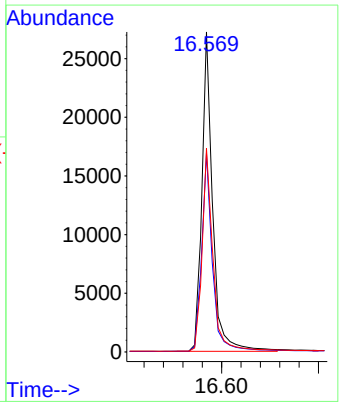


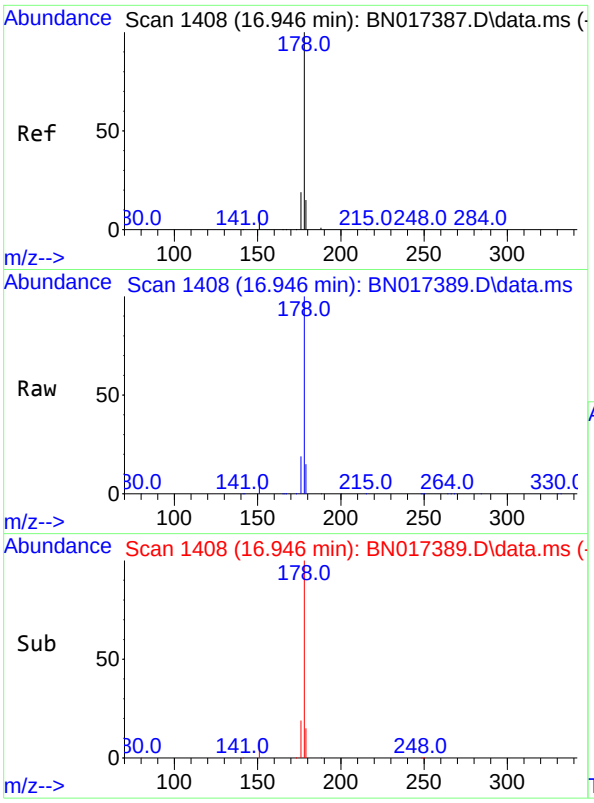


#24
Pentachlorophenol
Concen: 1.811 ng
RT: 16.569 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:266 Resp: 42235

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.8
268	64.0	51.3	76.9



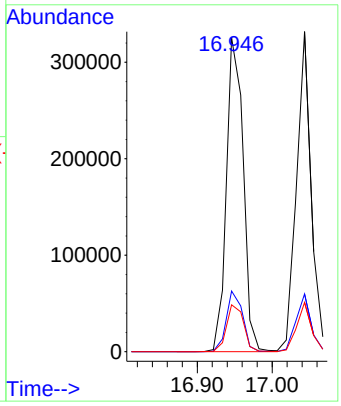


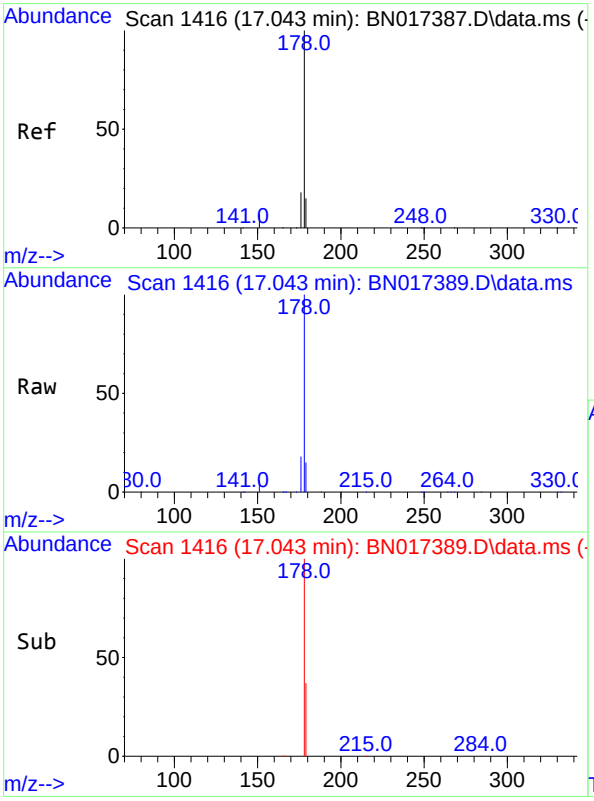
#25
Phenanthrene
Concen: 1.682 ng
RT: 16.946 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 507439

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.2	12.3	18.5

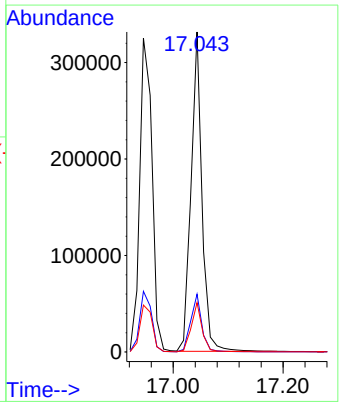


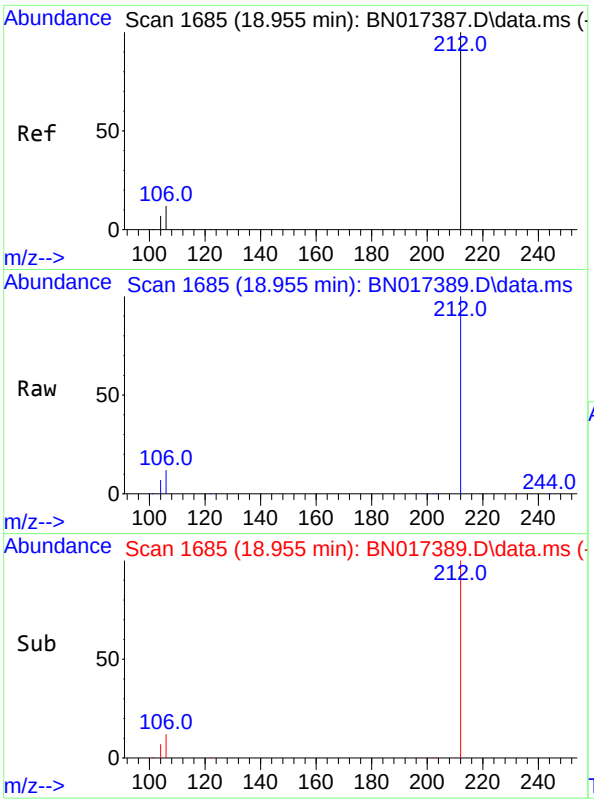


#26
Anthracene
Concen: 1.822 ng
RT: 17.043 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:178 Resp: 457767

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.3	12.2	18.4



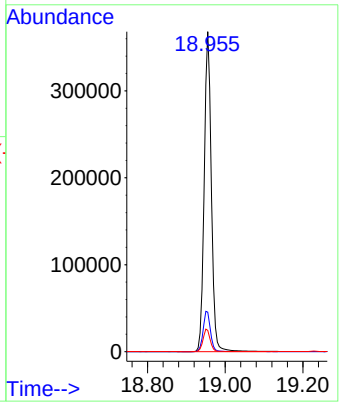


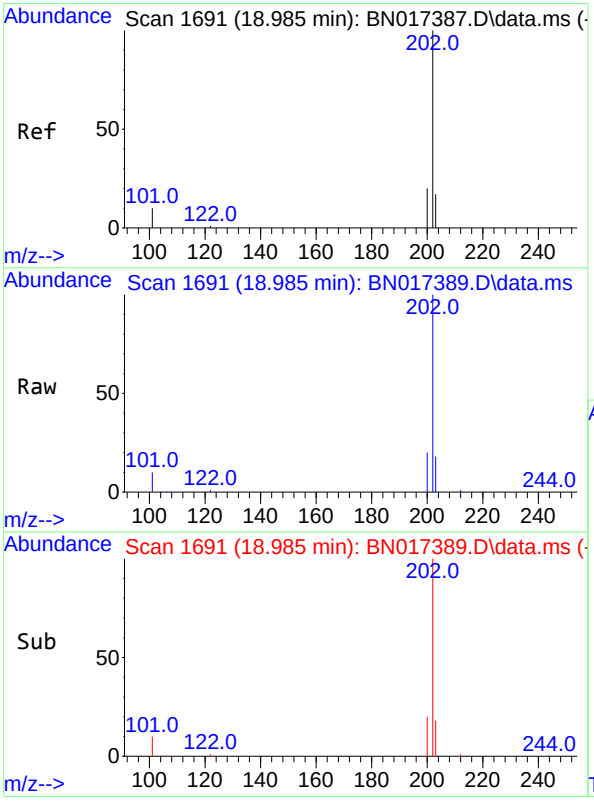
#27
Fluoranthene-d10
Concen: 1.752 ng
RT: 18.955 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 470227

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.5	15.7
104	7.1	5.8	8.6

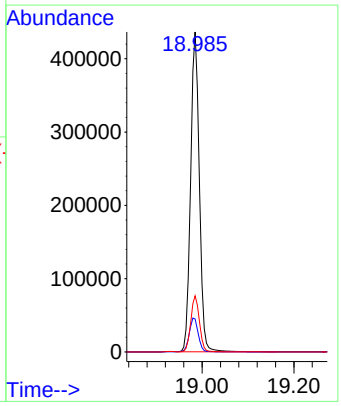


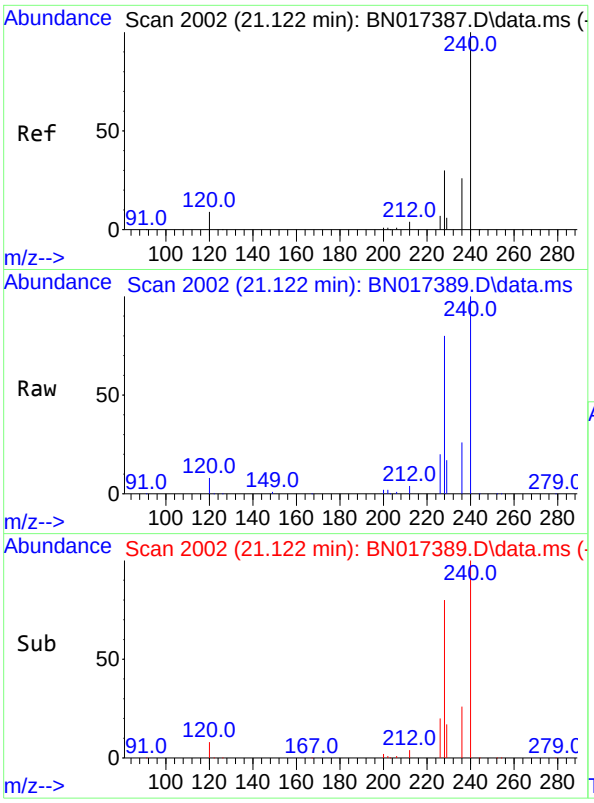


#28
Fluoranthene
Concen: 1.763 ng
RT: 18.985 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:202 Resp: 573572

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.5	13.8	20.6



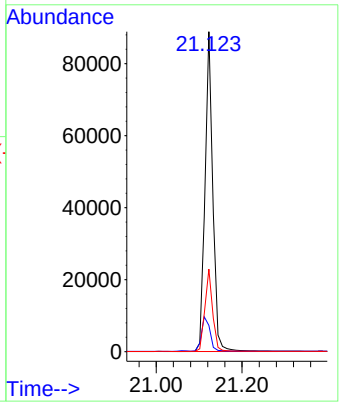


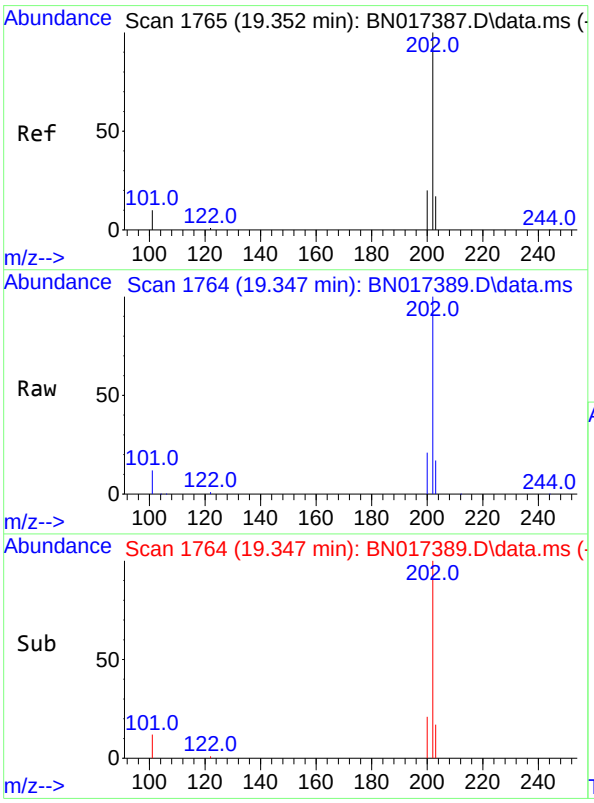
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.122 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 112026

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.2	6.2#
236	25.8	20.0	30.0

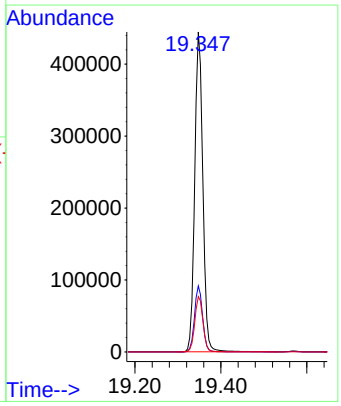


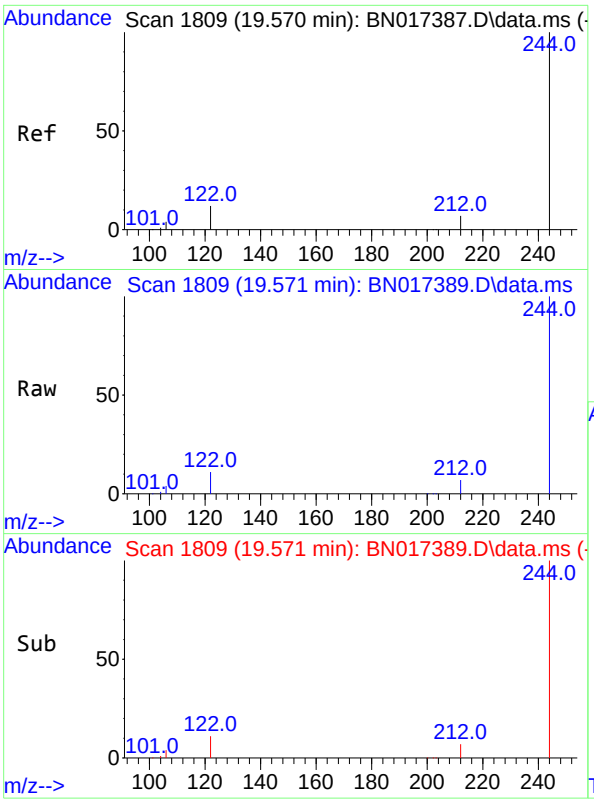


#30
Pyrene
Concen: 1.608 ng
RT: 19.347 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:202 Resp: 582131

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	14.0	21.0



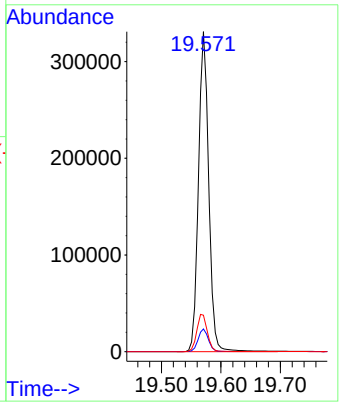


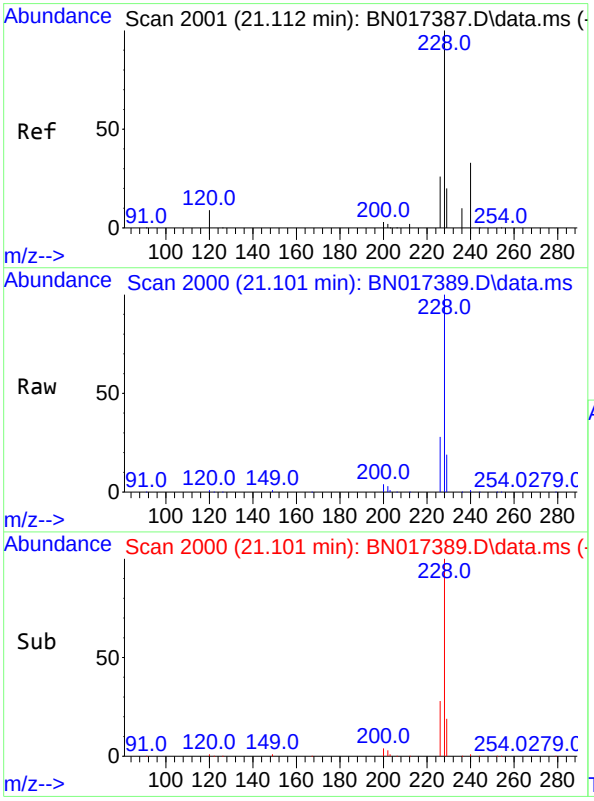
#31
Terphenyl-d14
Concen: 1.583 ng
RT: 19.571 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 395101

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.4	8.6	13.0

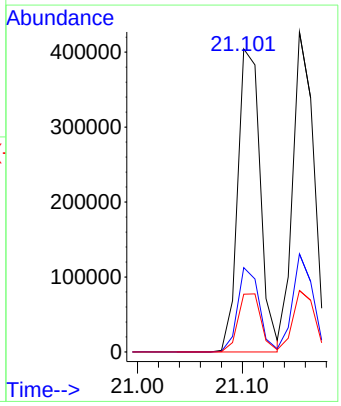


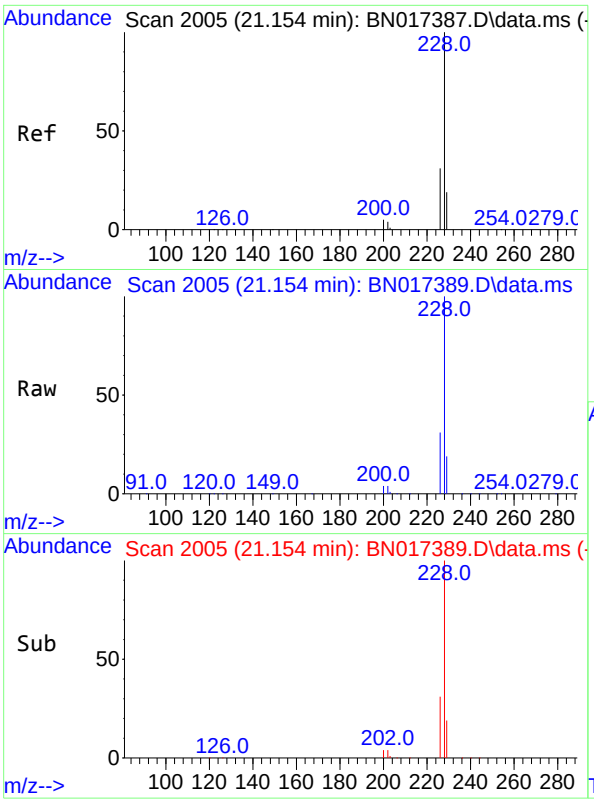


#32
Benzo(a)anthracene
Concen: 1.770 ng
RT: 21.101 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:228 Resp: 601797

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.3	31.9
229	19.0	15.7	23.5



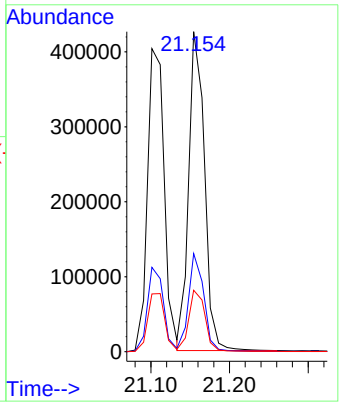


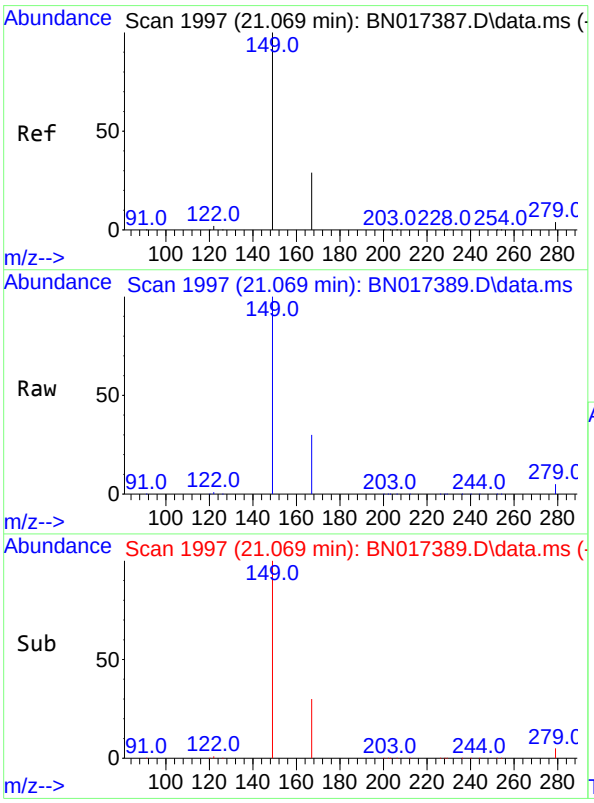
#33
Chrysene
Concen: 1.652 ng
RT: 21.154 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 597605

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.3	34.9
229	19.2	15.6	23.4

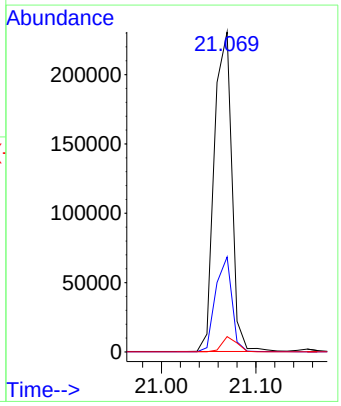


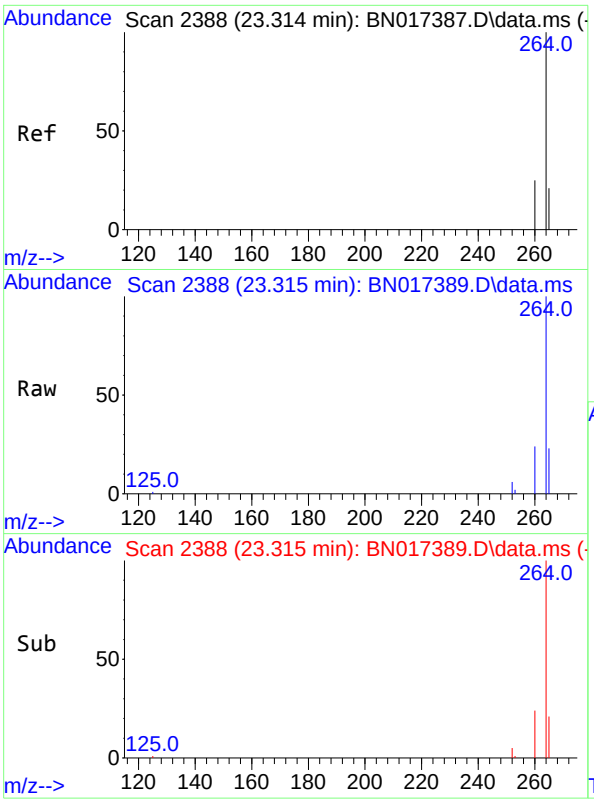


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.472 ng
RT: 21.069 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:149 Resp: 296468

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.6
279	4.1	3.4	5.0



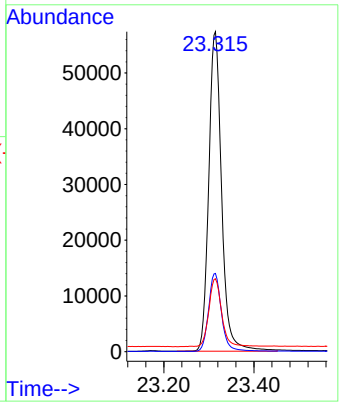


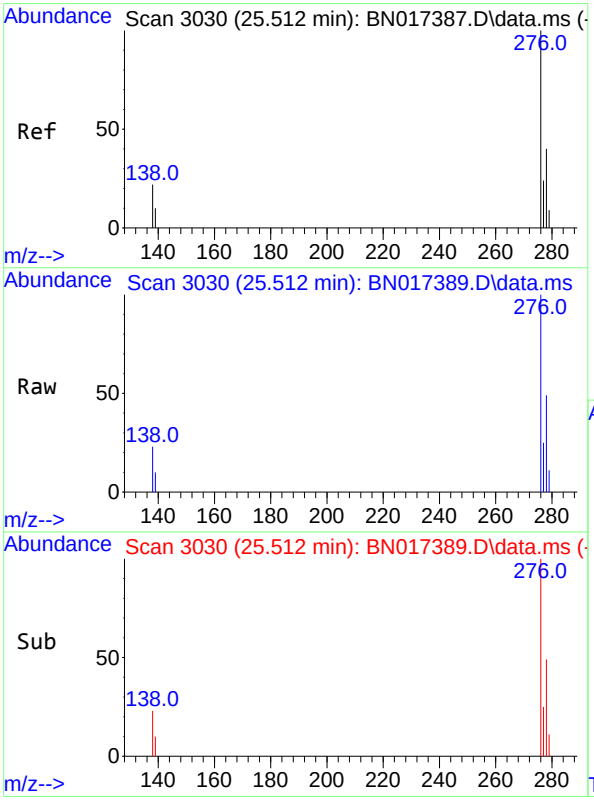
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.315 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 113734

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.8	18.6	28.0

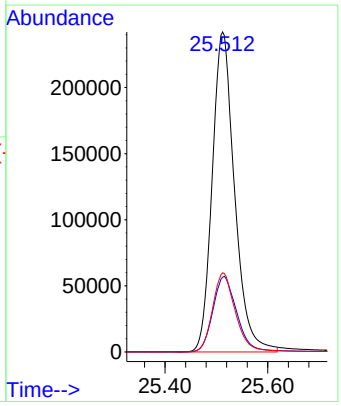


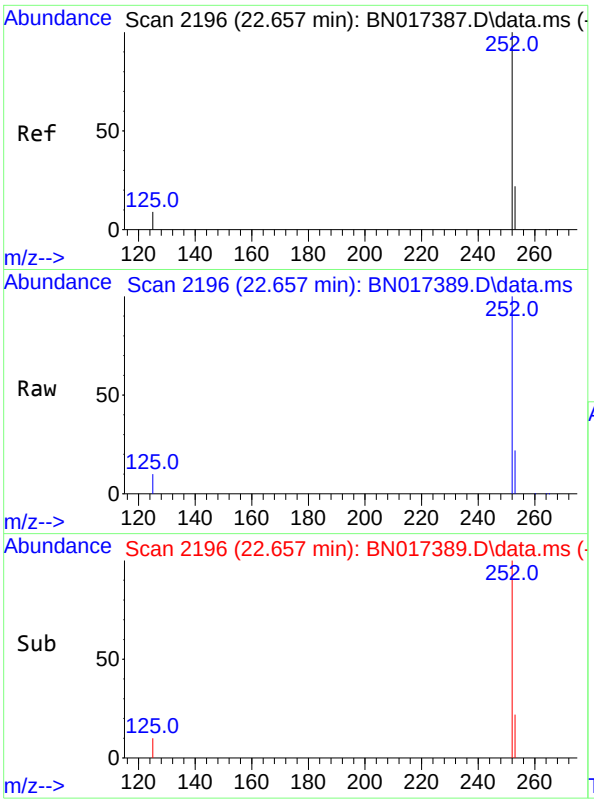


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.832 ng
RT: 25.512 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:276 Resp: 729207

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.7	29.5
277	25.1	20.0	30.0



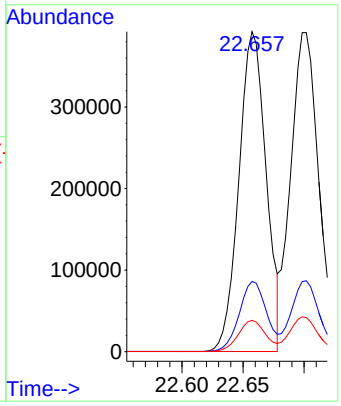


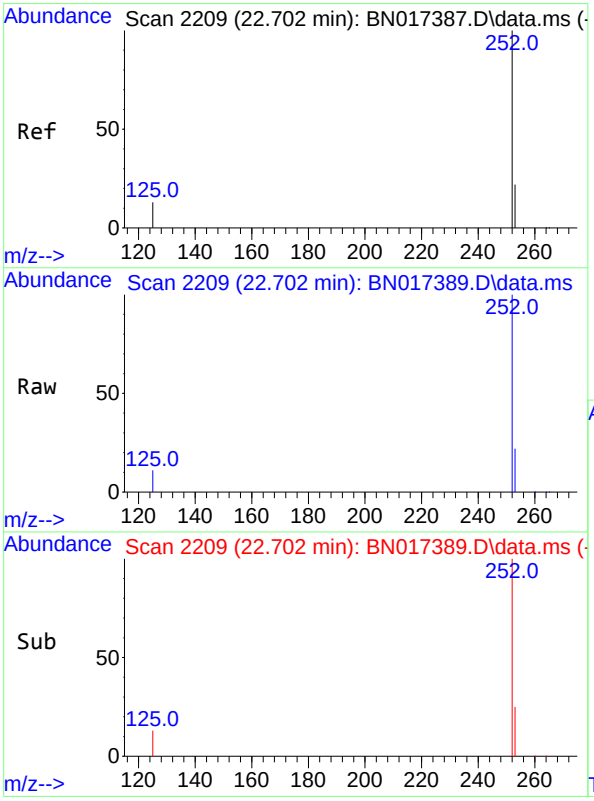
#37
Benzo(b)fluoranthene
Concen: 1.632 ng
RT: 22.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 606856

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	7.8	11.8

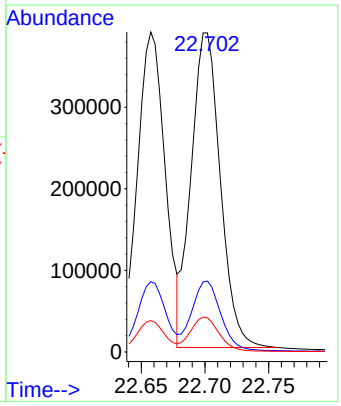


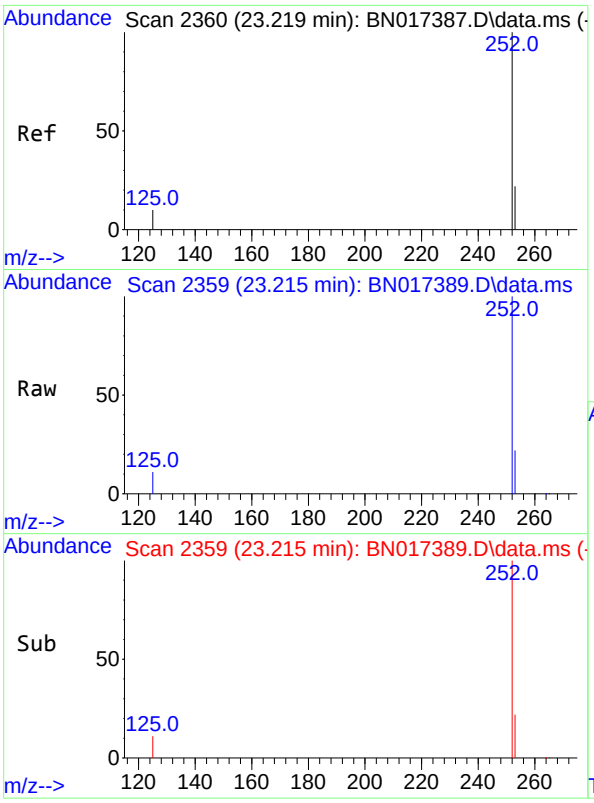


#38
Benzo(k)fluoranthene
Concen: 1.652 ng
RT: 22.702 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:252 Resp: 614518

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.7	8.2	12.2



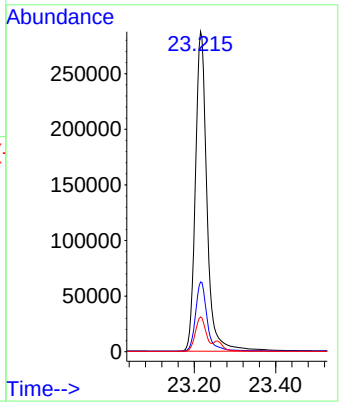


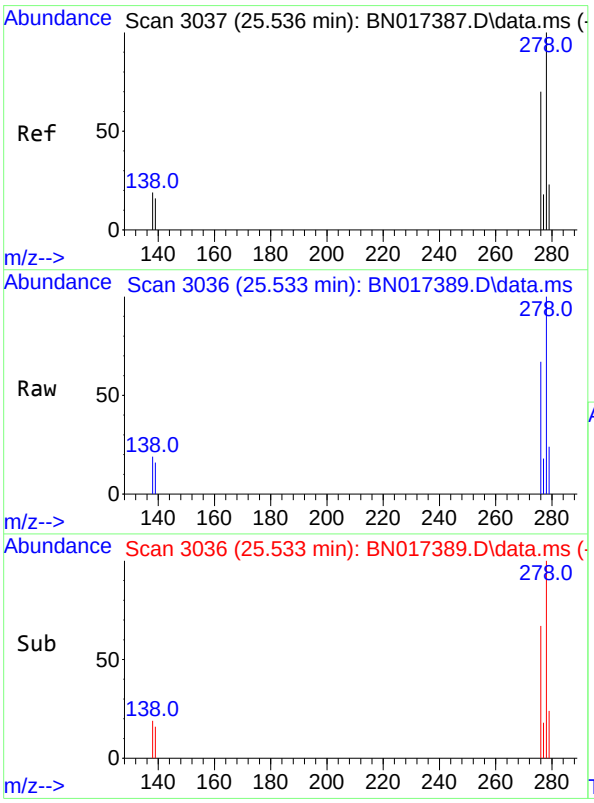
#39
Benzo(a)pyrene
Concen: 1.722 ng
RT: 23.215 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 566677

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.8	9.2	13.8

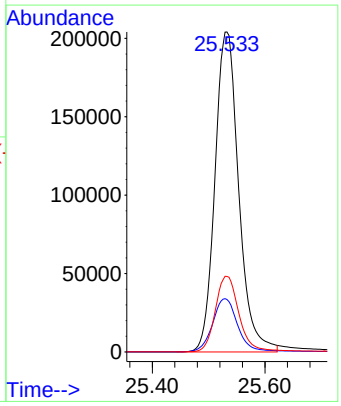


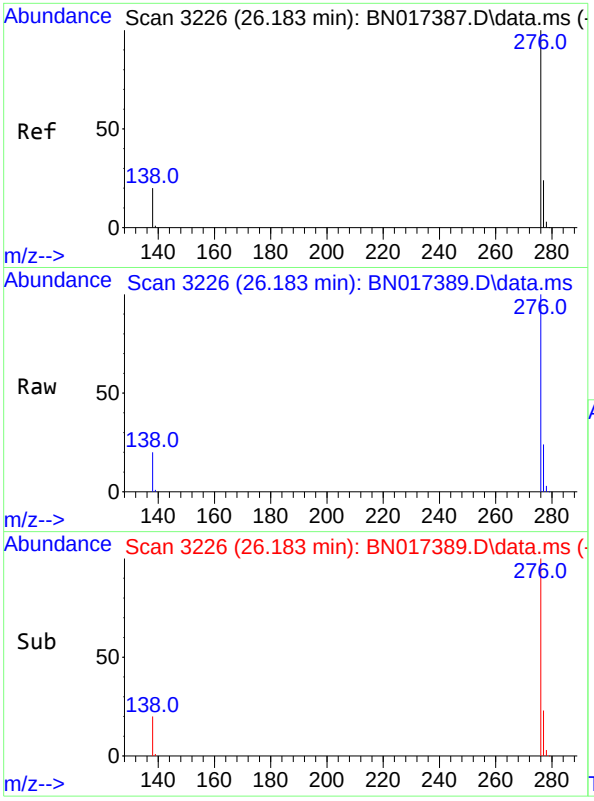


#40
Dibenzo(a,h)anthracene
Concen: 1.863 ng
RT: 25.533 min Scan# 3036
Delta R.T. -0.003 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Tgt Ion:278 Resp: 596750

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.0	19.6
279	23.6	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 1.915 ng
RT: 26.183 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017389.D
Acq: 10 Nov 2021 20:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 661398

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	20.3	17.1	25.7