Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018132.D
Acq On : 20 Dec 2021 21:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 21:32:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration

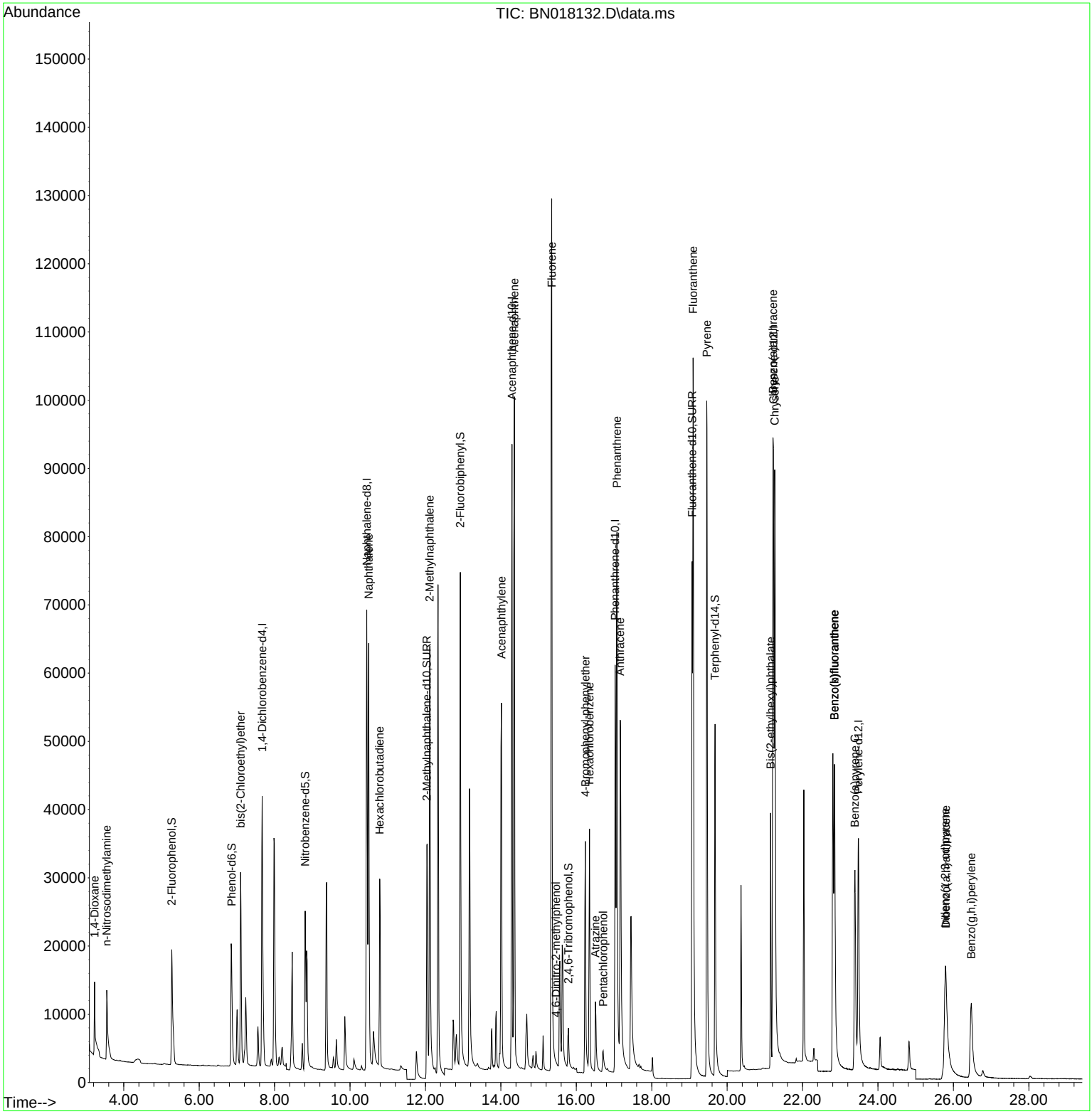
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	24016	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	96406	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	55918	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	103861	0.400	ng		0.00
29) Chrysene-d12	21.227	240	77890	0.400	ng		0.00
35) Perylene-d12	23.481	264	55672	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	21548	0.414	ng		0.00
5) Phenol-d6	6.859	99	21213	0.406	ng		0.00
8) Nitrobenzene-d5	8.810	82	21984	0.321	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	60490	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	6767	0.380	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	75127	0.386	ng		0.00
27) Fluoranthene-d10	19.073	212	119885	0.346	ng		0.00
31) Terphenyl-d14	19.678	244	76228	0.470	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	6825	0.456	ng	#	57
3) n-Nitrosodimethylamine	3.548	42	8624	0.385	ng		98
6) bis(2-Chloroethyl)ether	7.098	93	24460	0.397	ng		100
9) Naphthalene	10.495	128	91035	0.376	ng		100
10) Hexachlorobutadiene	10.787	225	24854	0.373	ng	#	100
12) 2-Methylnaphthalene	12.114	142	57738	0.382	ng		100
16) Acenaphthylene	14.015	152	73017	0.316	ng		100
17) Acenaphthene	14.357	154	55108	0.375	ng		100
18) Fluorene	15.347	166	65880	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	262	0.230	ng	#	20
21) 4-Bromophenyl-phenylether	16.239	248	22772	0.362	ng	#	88
22) Hexachlorobenzene	16.348	284	29914	0.398	ng		100
23) Atrazine	16.506	200	12966	0.320	ng		98
24) Pentachlorophenol	16.713	266	3302	0.405	ng		98
25) Phenanthrene	17.078	178	102946	0.389	ng		100
26) Anthracene	17.164	178	80627	0.338	ng		100
28) Fluoranthene	19.098	202	119478	0.363	ng		100
30) Pyrene	19.460	202	117539	0.460	ng		100
32) Benzo(a)anthracene	21.217	228	74066	0.316	ng		100
33) Chrysene	21.259	228	99933	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.153	149	33945	0.295	ng		99
36) Indeno(1,2,3-cd)pyrene	25.781	276	37065	0.199	ng		100
37) Benzo(b)fluoranthene	22.844	252	80955	0.490	ng		99
38) Benzo(k)fluoranthene	22.844	252	62866	0.390	ng		99
39) Benzo(a)pyrene	23.385	252	61176	0.363	ng	#	84
40) Dibenzo(a,h)anthracene	25.802	278	23852	0.164	ng		96
41) Benzo(g,h,i)perylene	26.476	276	38107	0.219	ng		99

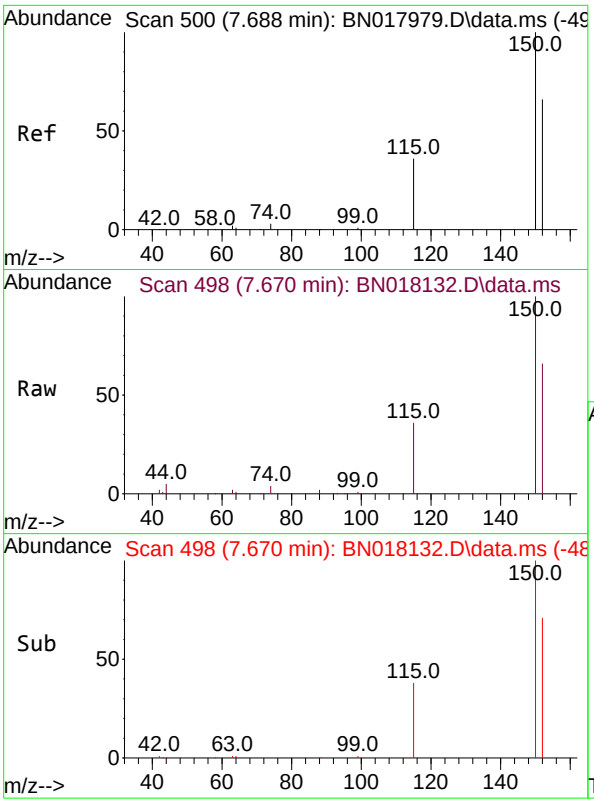
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018132.D
Acq On : 20 Dec 2021 21:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 21:32:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration



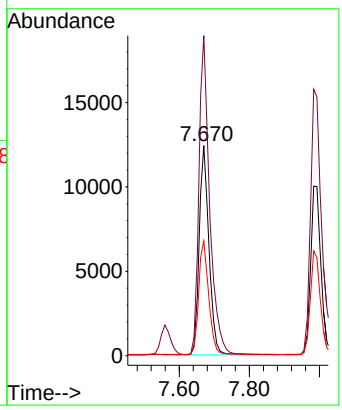


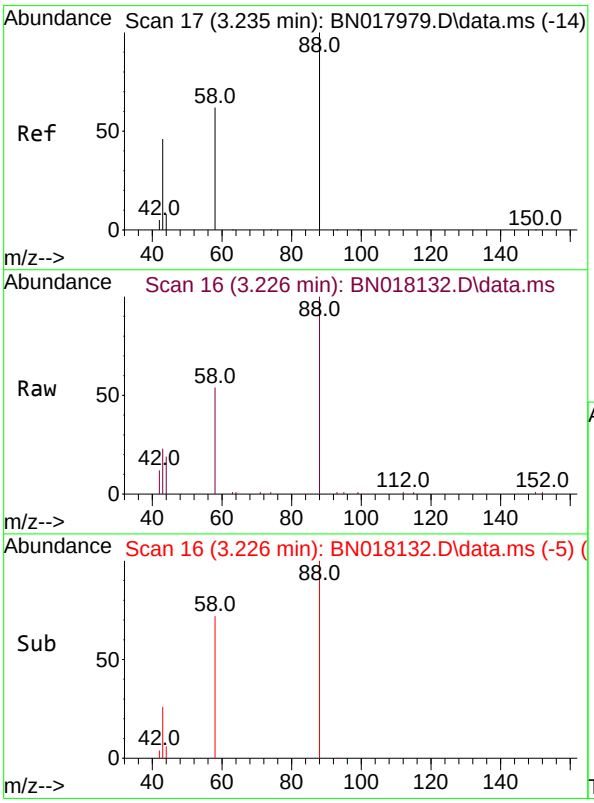
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 24016

Ion	Ratio	Lower	Upper
152	100		
150	152.3	121.7	182.5
115	54.6	43.8	65.8

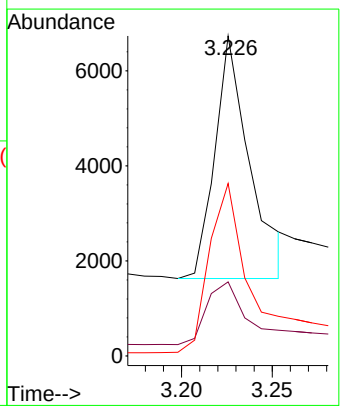


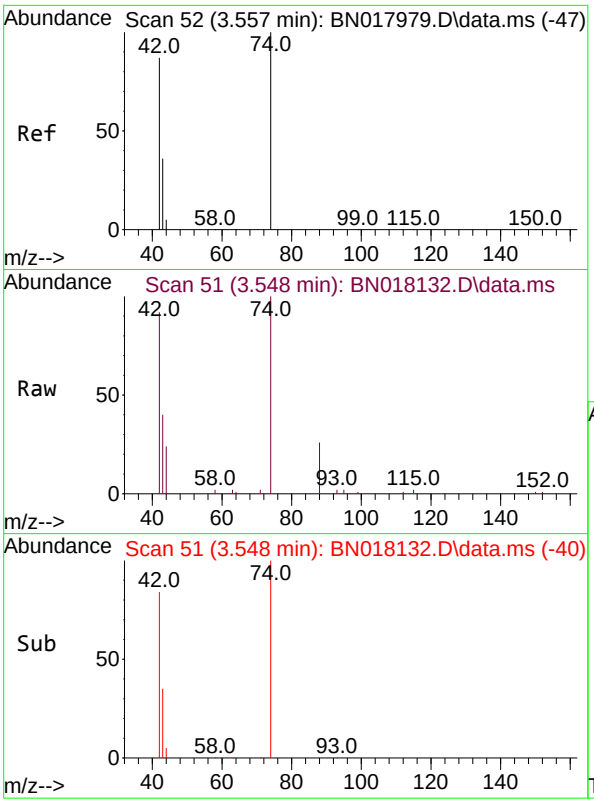


#2
1,4-Dioxane
Concen: 0.456 ng
RT: 3.226 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion: 88 Resp: 6825

Ion	Ratio	Lower	Upper
88	100		
43	30.2	69.7	104.5#
58	76.5	83.8	125.8#



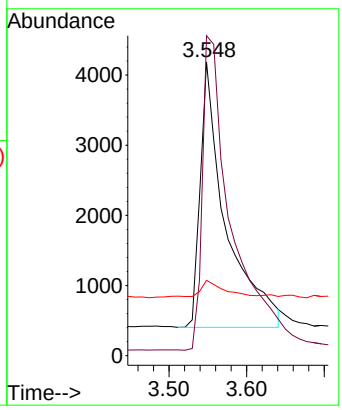


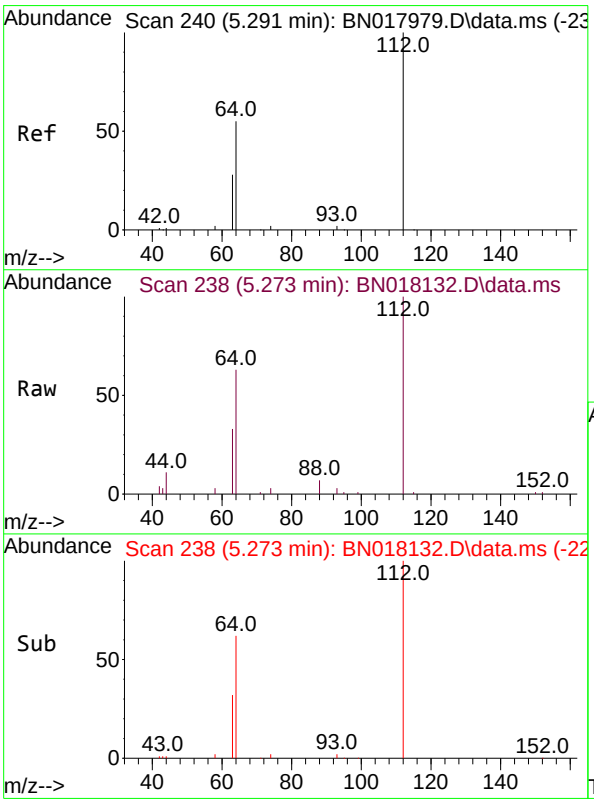
#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.548 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 8624

Ion	Ratio	Lower	Upper
42	100		
74	133.3	108.6	163.0
44	6.7	5.8	8.8

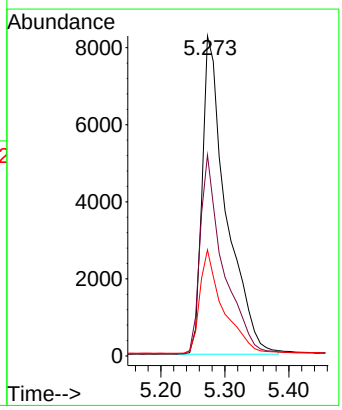


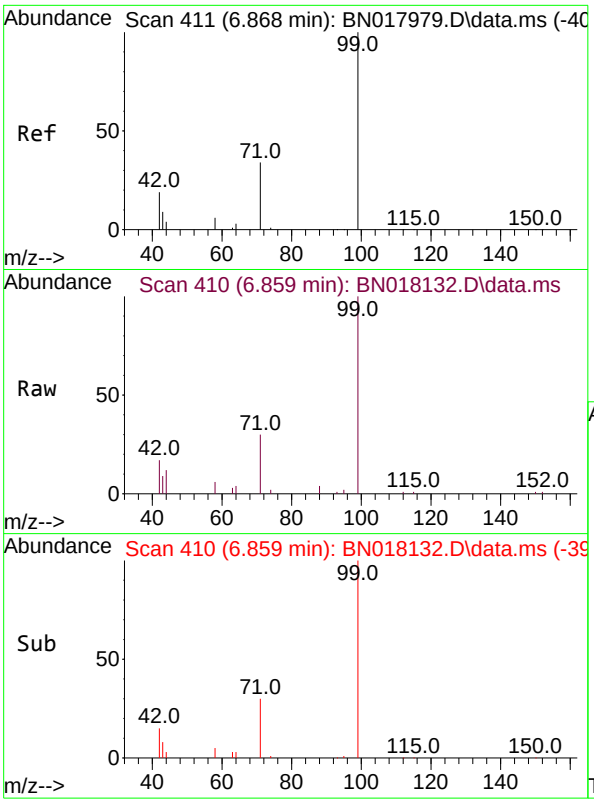


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.273 min Scan# 238
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:112 Resp: 21548

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.0	72.0
63	31.3	25.3	37.9



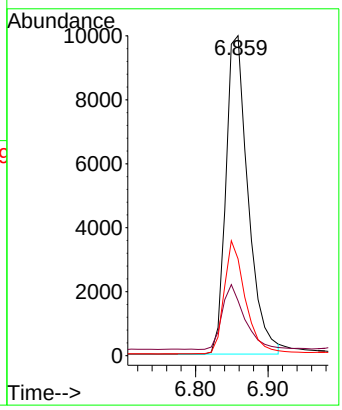


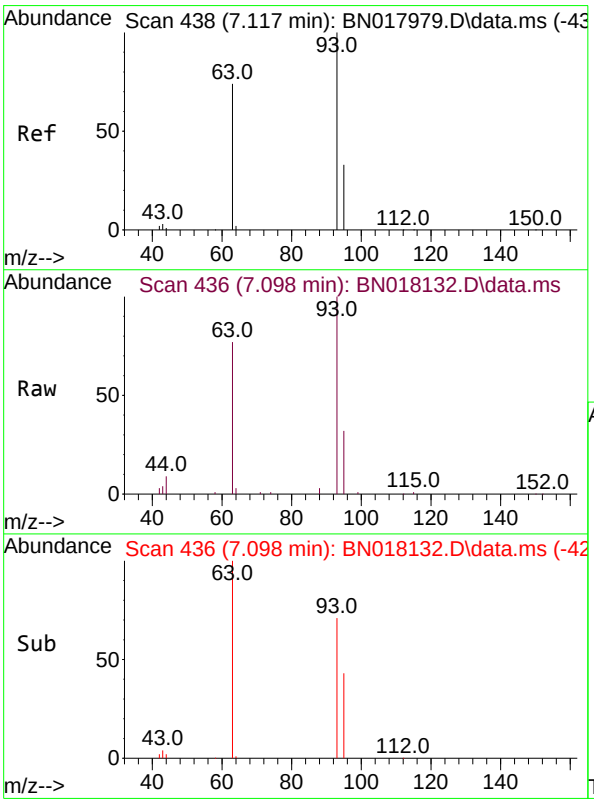
#5
Phenol-d6
Concen: 0.406 ng
RT: 6.859 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 21213

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.3	24.5
71	33.5	26.8	40.2

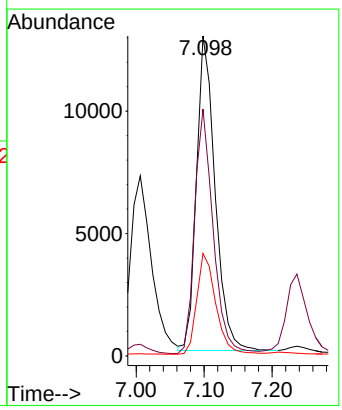


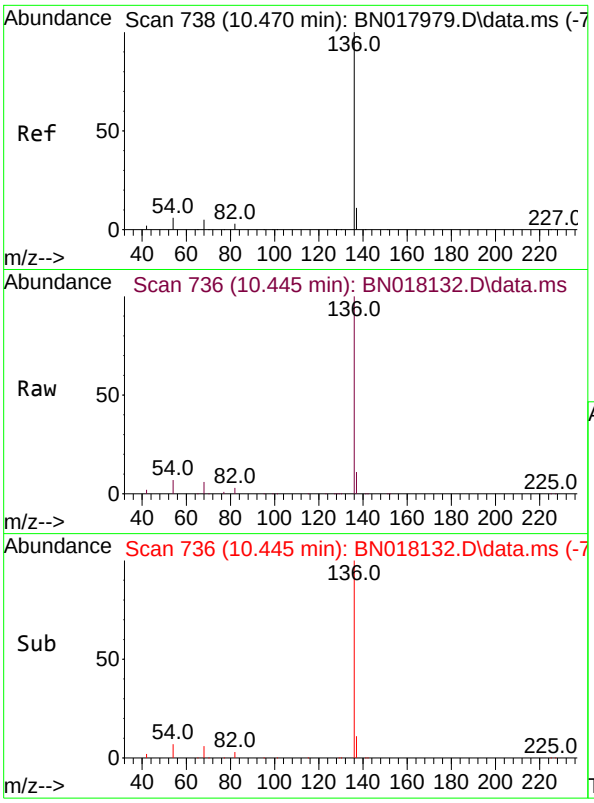


#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.098 min Scan# 436
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion: 93 Resp: 24460

Ion	Ratio	Lower	Upper
93	100		
63	77.4	61.7	92.5
95	32.8	26.2	39.4



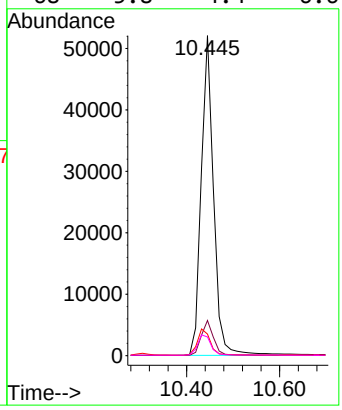


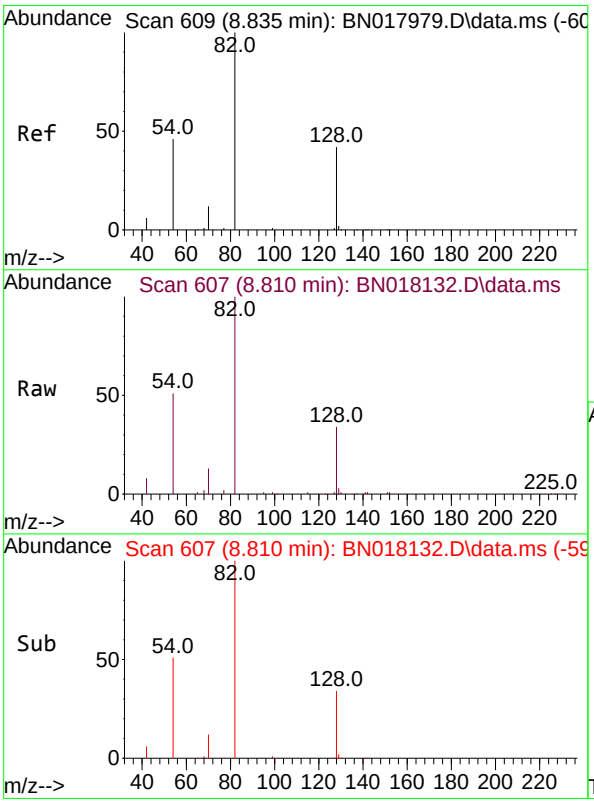
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 96406

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.0	7.6
68	5.8	4.4	6.6

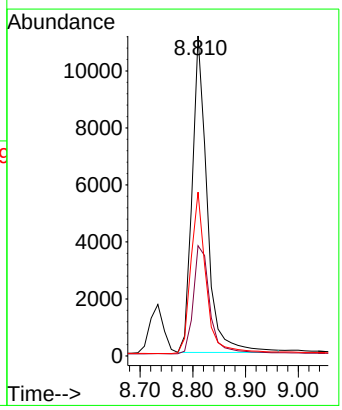


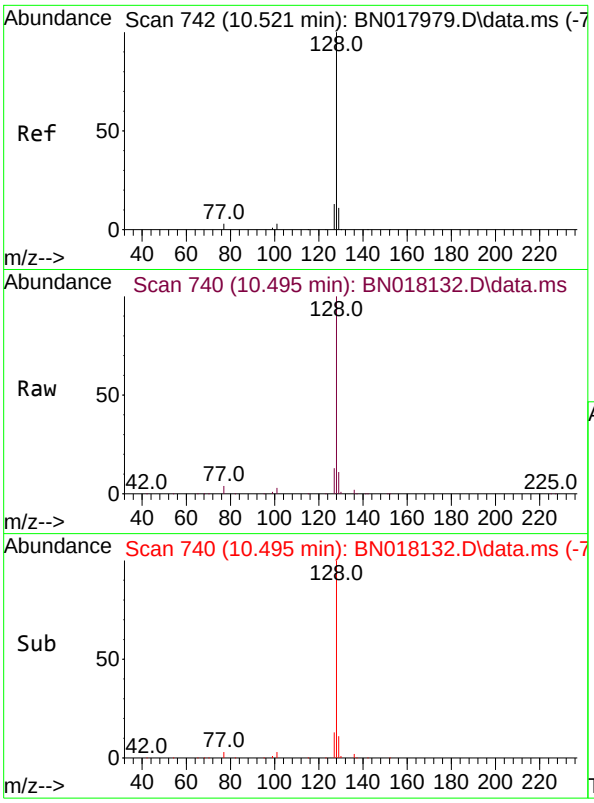


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.810 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion: 82 Resp: 21984

Ion	Ratio	Lower	Upper
82	100		
128	34.5	33.7	50.5
54	51.2	36.6	55.0



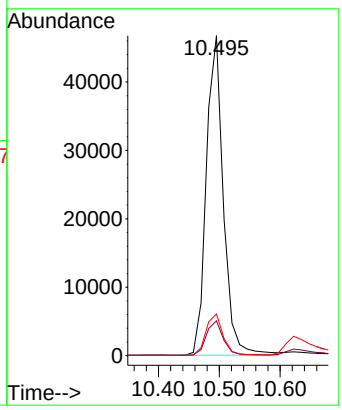


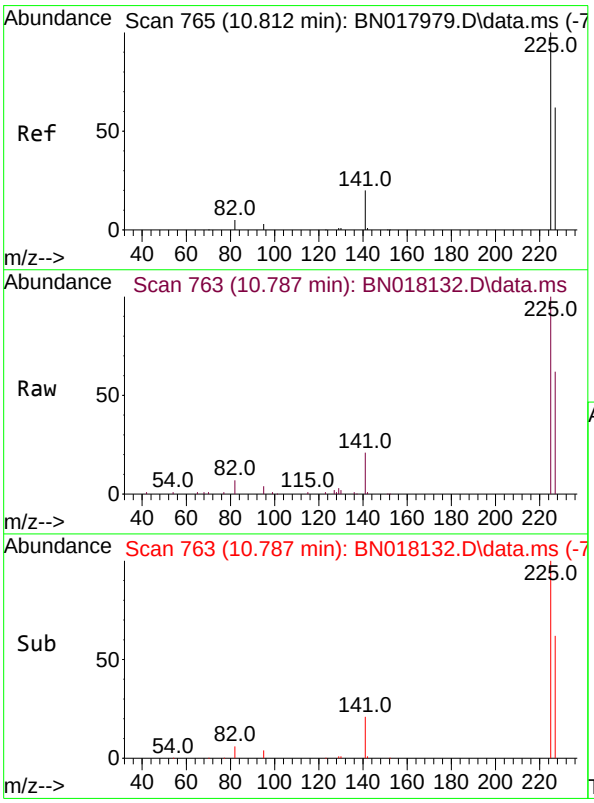
#9
Naphthalene
Concen: 0.376 ng
RT: 10.495 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 91035

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.4	15.6

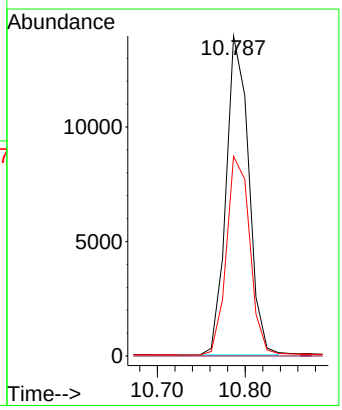


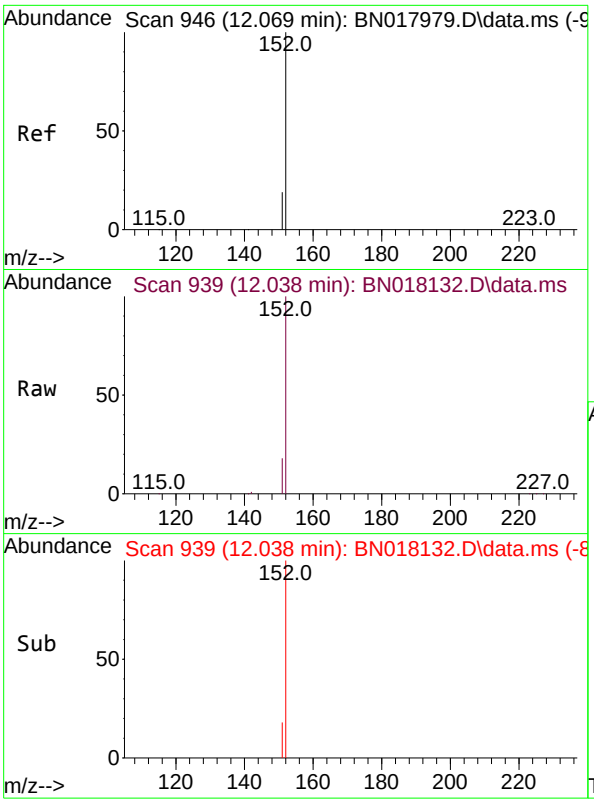


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 10.787 min Scan# 763
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:225 Resp: 24854

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.0	76.6



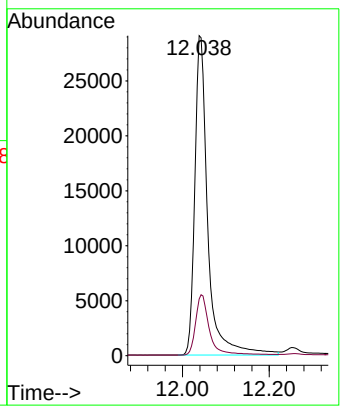


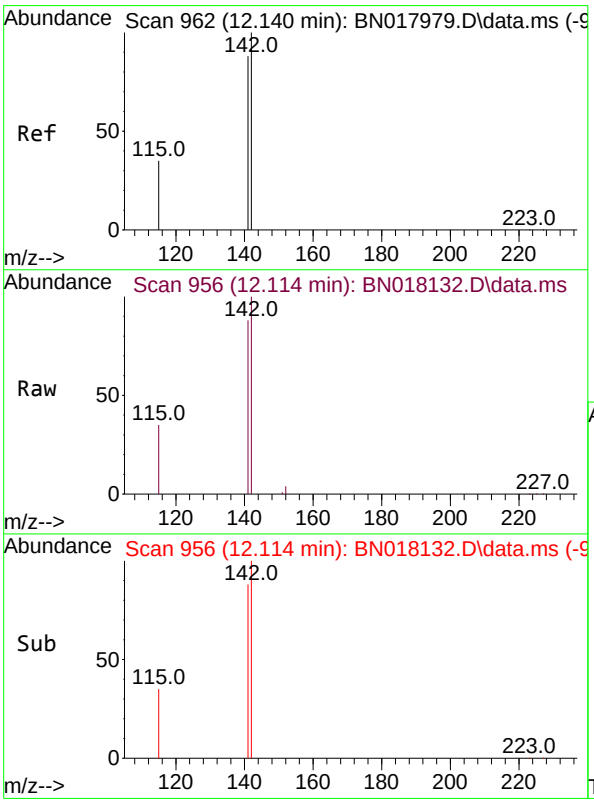
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.038 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 60490

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

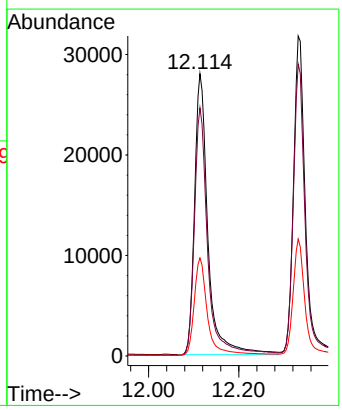


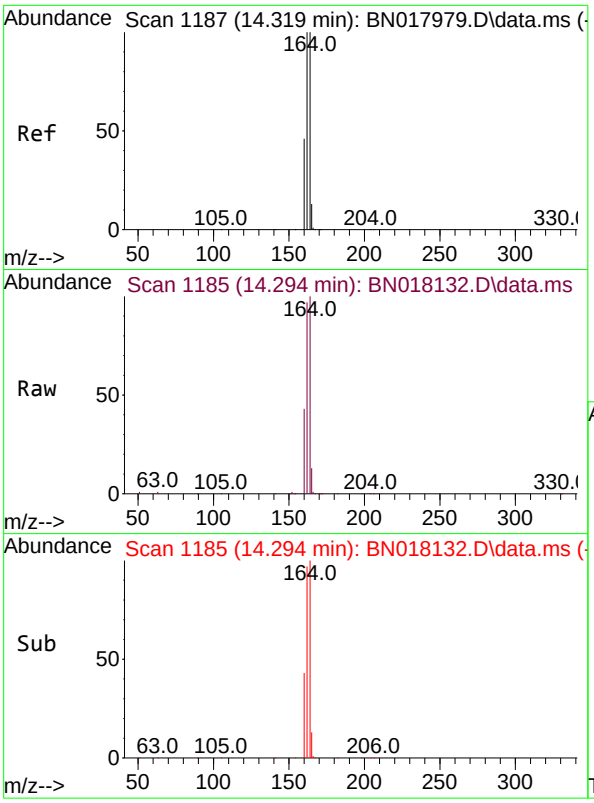


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.114 min Scan# 956
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:142 Resp: 57738

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0
115	34.7	27.8	41.8



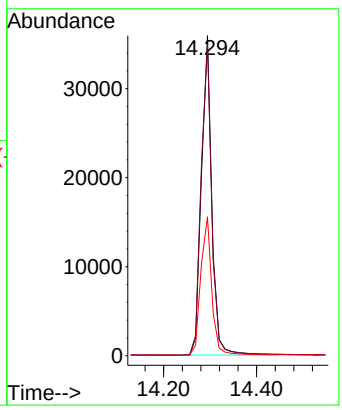


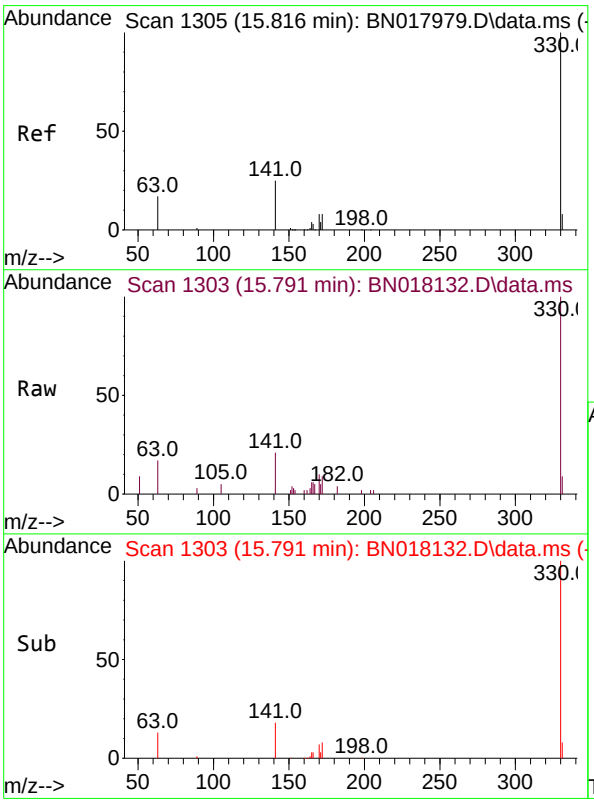
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 55918

Ion	Ratio	Lower	Upper
164	100		
162	97.2	80.2	120.2
160	43.4	36.9	55.3

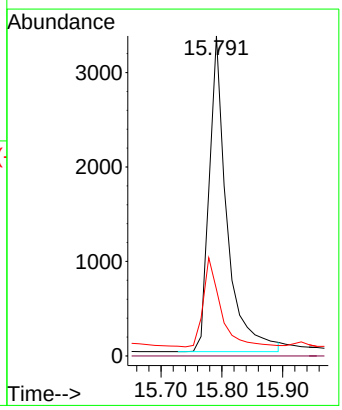


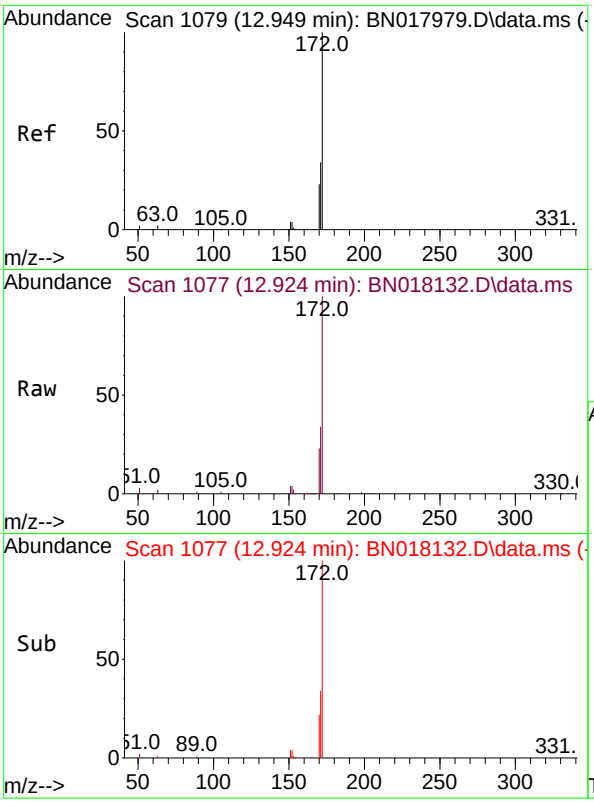


#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:330 Resp: 6767

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.8	21.3	31.9



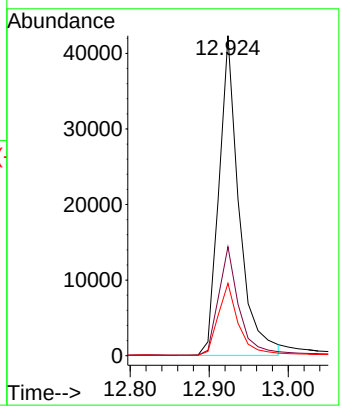


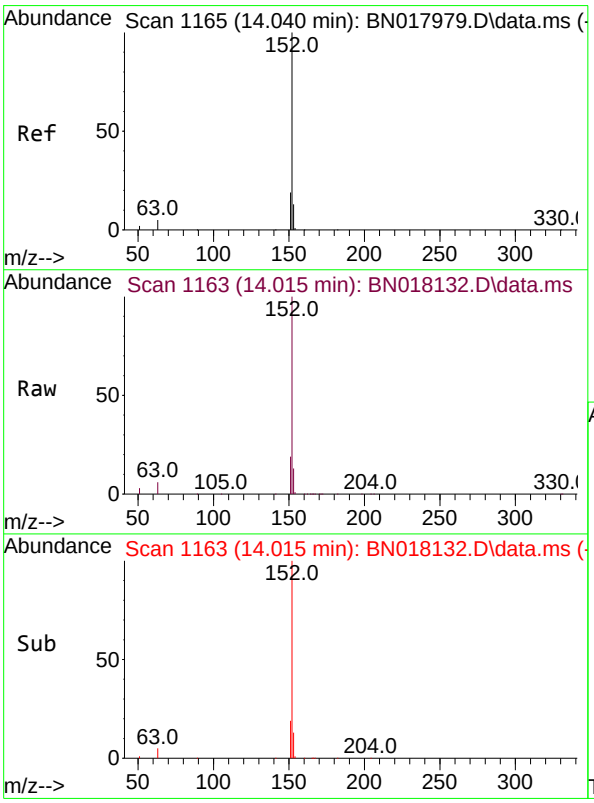
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.924 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 75127

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.4	41.0
170	22.6	18.4	27.6

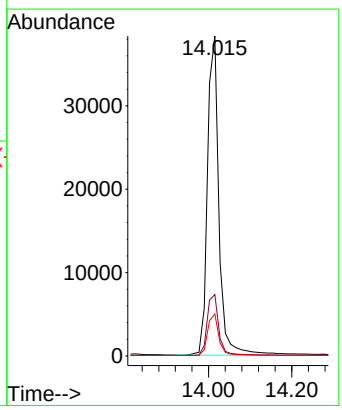


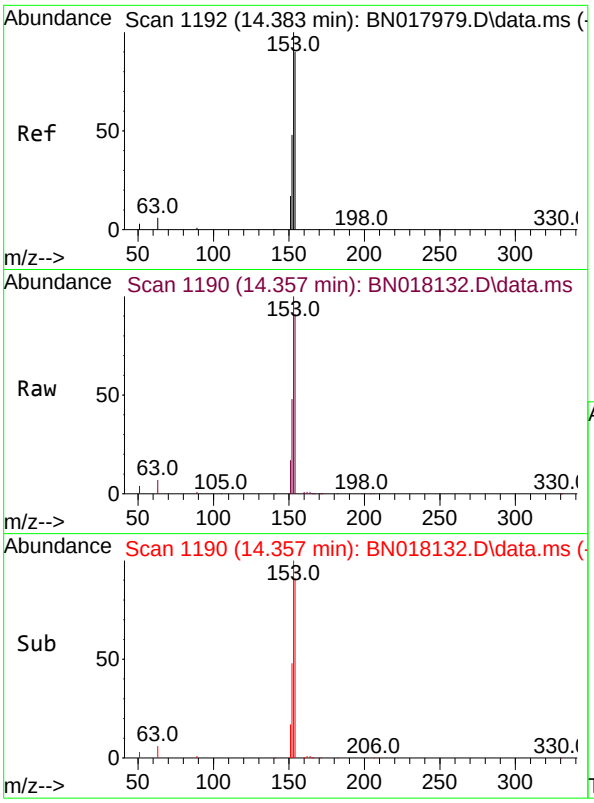


#16
Acenaphthylene
Concen: 0.316 ng
RT: 14.015 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:152 Resp: 73017

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.5	15.7



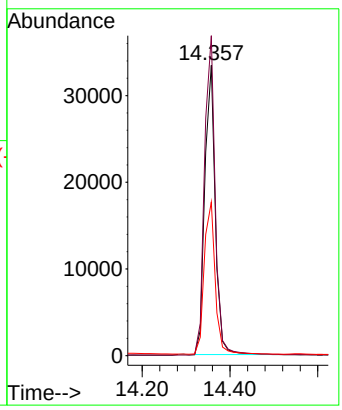


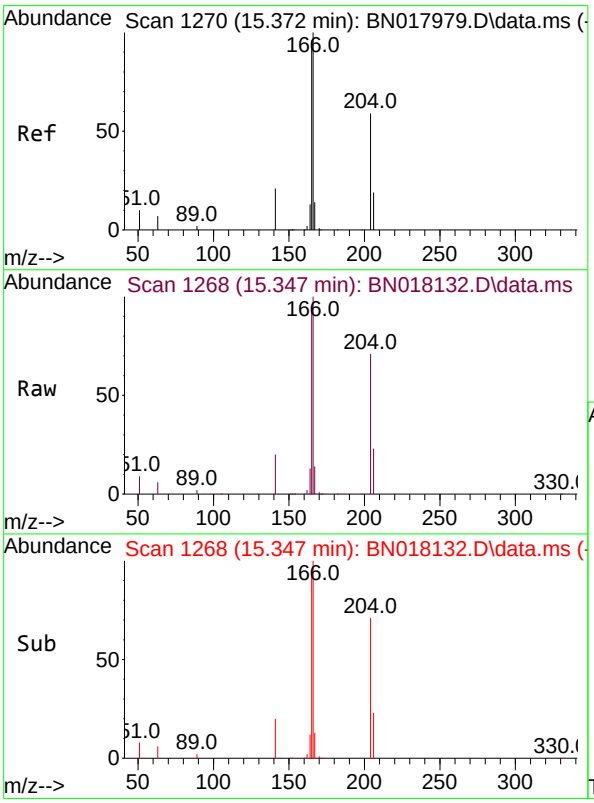
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 55108

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.9	136.3
152	55.3	45.0	67.4

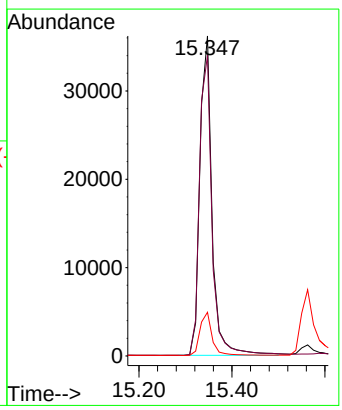


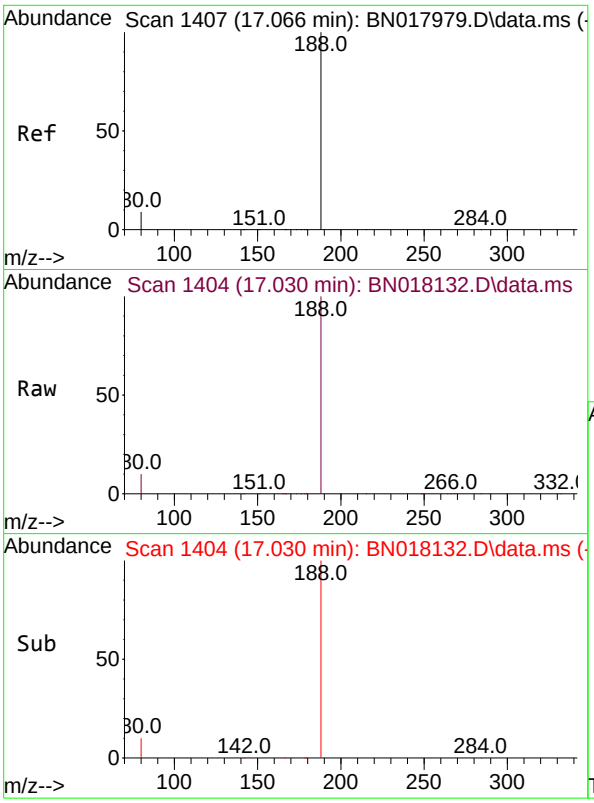


#18
Fluorene
Concen: 0.365 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:166 Resp: 65880

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.8	116.6
167	13.5	10.9	16.3



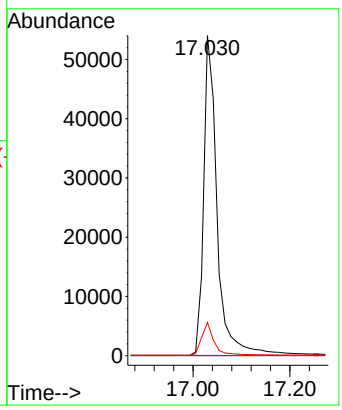


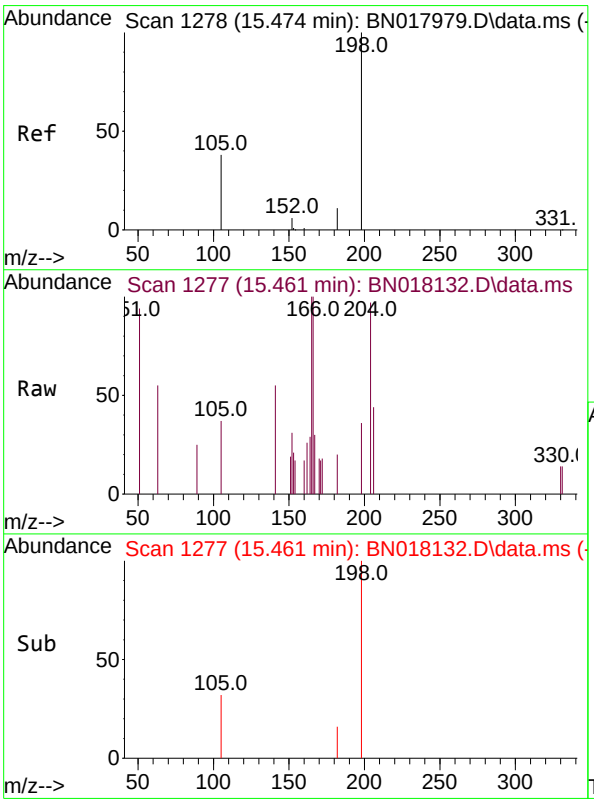
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 103861

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.0	10.4

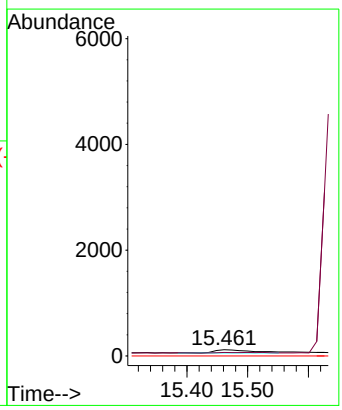


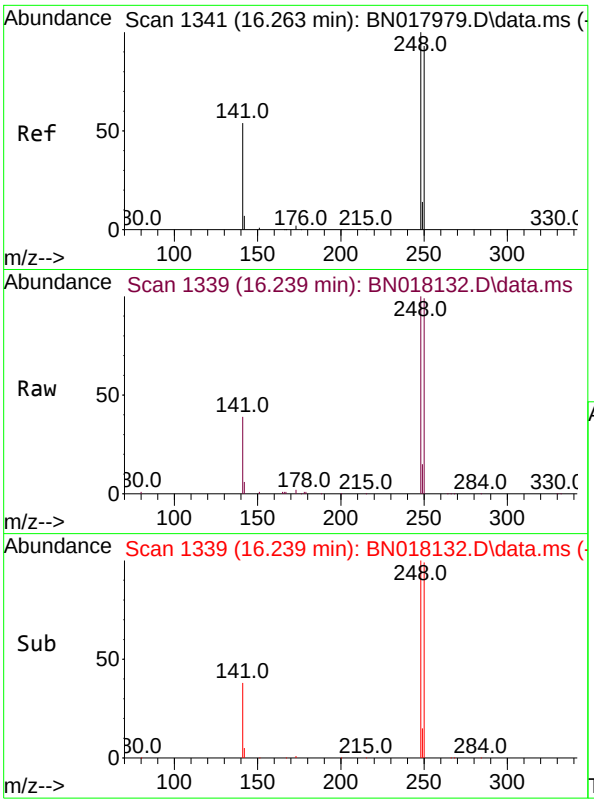


#20
4,6-Dinitro-2-methylphenol
Concen: 0.230 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.025 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:198 Resp: 262

Ion	Ratio	Lower	Upper
198	100		
182	55.9	15.5	23.3#
77	0.0	0.0	0.0



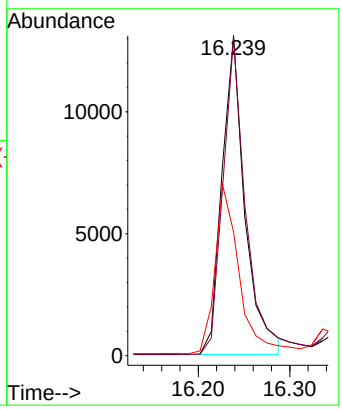


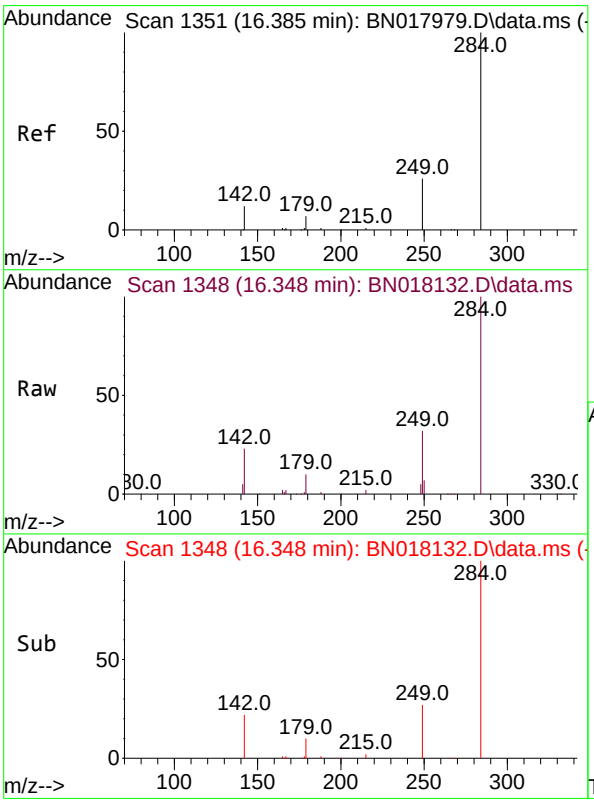
#21
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 22772

Ion	Ratio	Lower	Upper
248	100		
250	99.4	74.4	111.6
141	38.6	43.7	65.5#

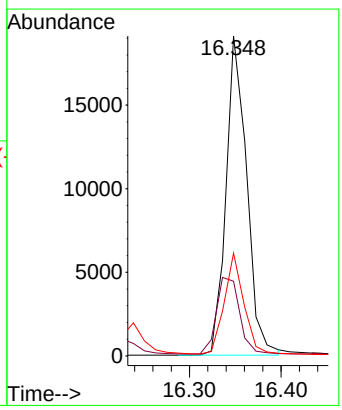


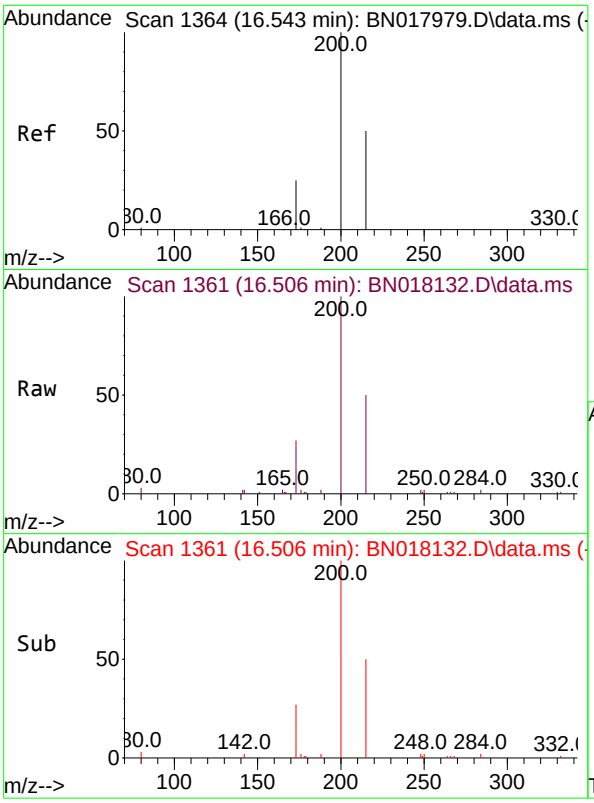


#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.348 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:284 Resp: 29914

Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.6	32.4
249	29.6	23.5	35.3



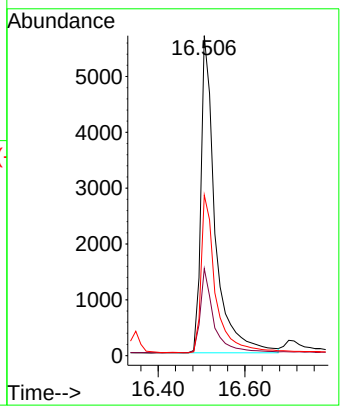


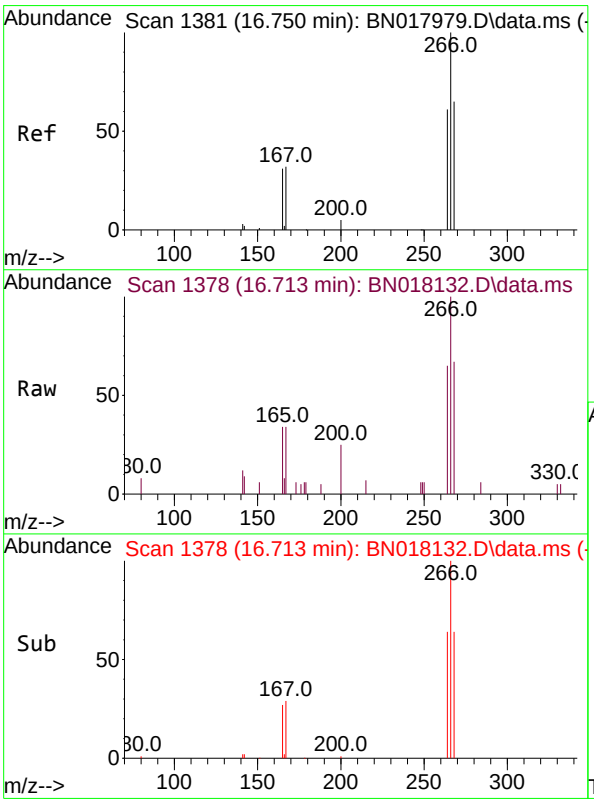
#23
Atrazine
Concen: 0.320 ng
RT: 16.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 12966

Ion	Ratio	Lower	Upper
200	100		
173	27.2	20.3	30.5
215	50.2	40.4	60.6

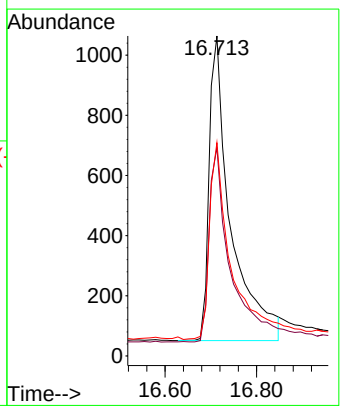


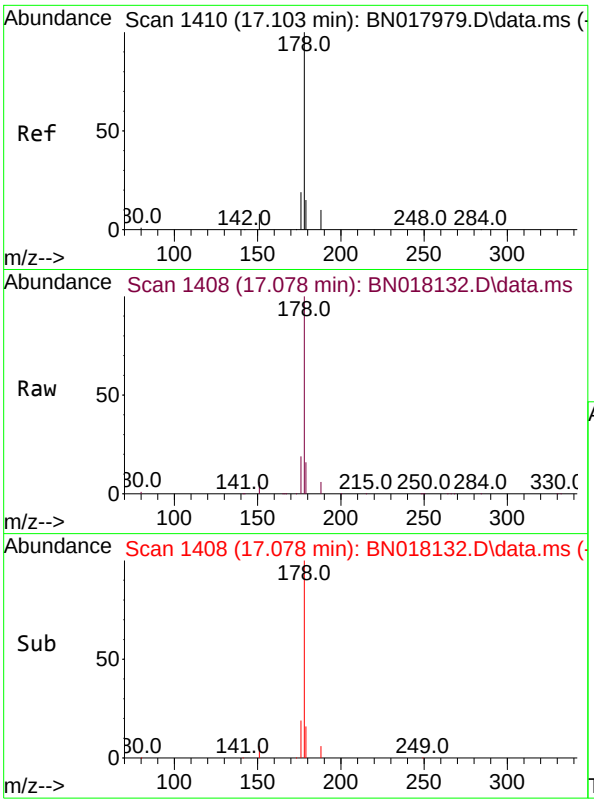


#24
Pentachlorophenol
Concen: 0.405 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:266 Resp: 3302

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.5	74.3
268	64.9	50.6	76.0



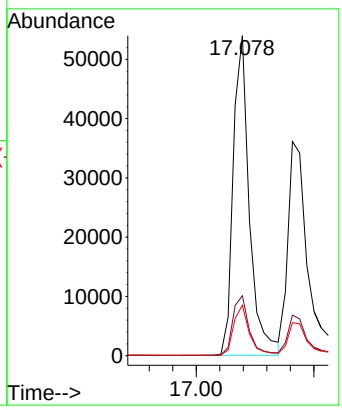


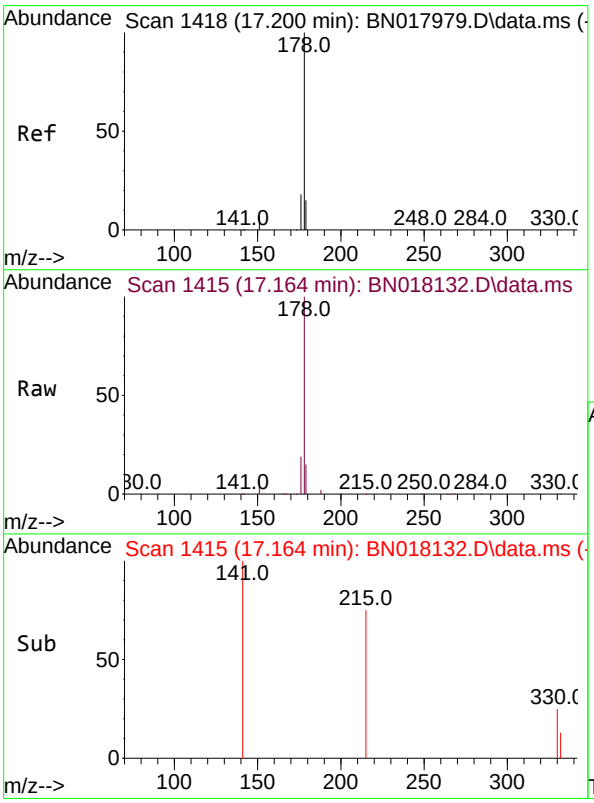
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.078 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 102946

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.3	18.5

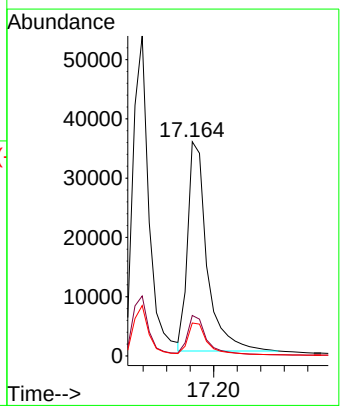


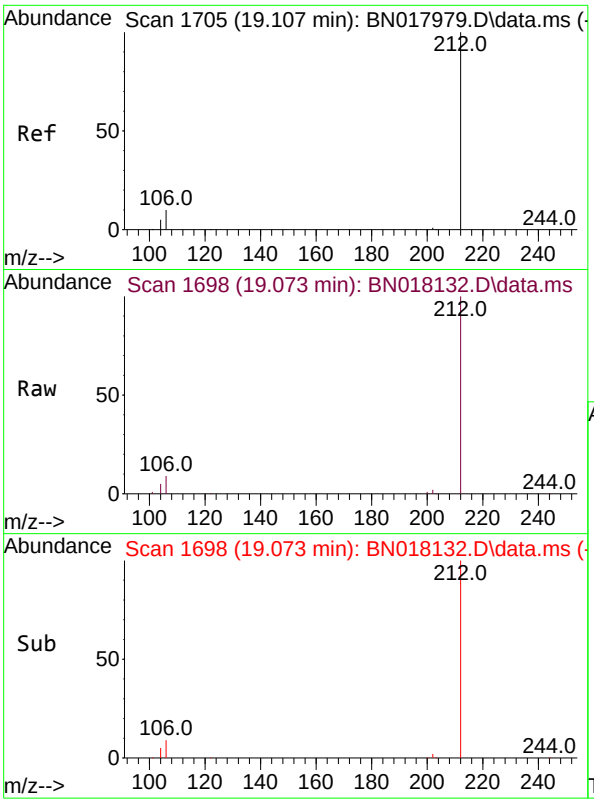


#26
Anthracene
Concen: 0.338 ng
RT: 17.164 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:178 Resp: 80627

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.3	12.2	18.4



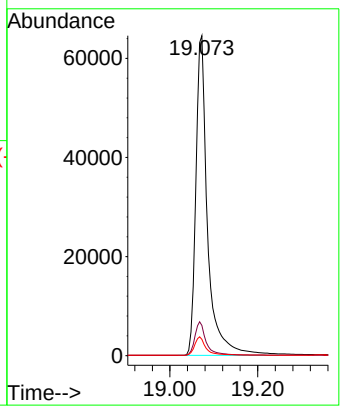


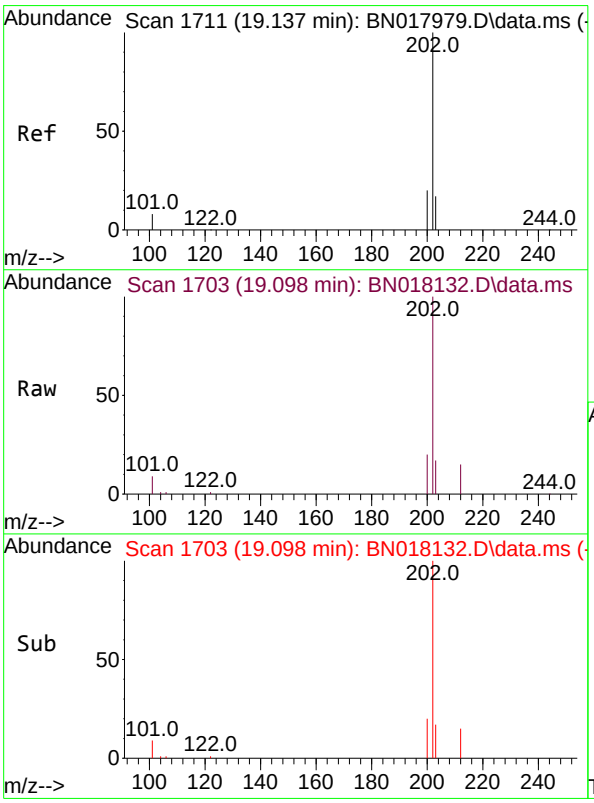
#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.073 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 119885

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	5.6	4.5	6.7

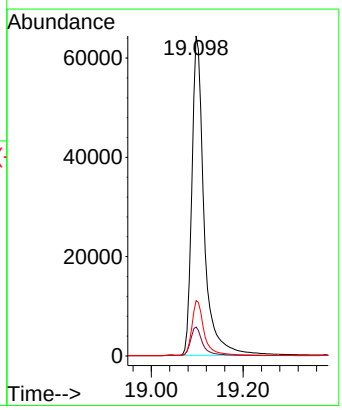


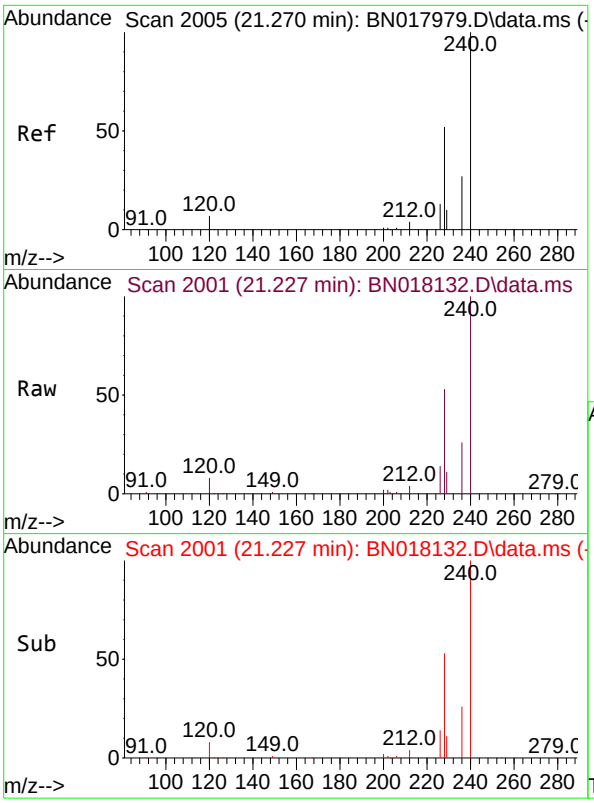


#28
Fluoranthene
Concen: 0.363 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:202 Resp: 119478

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.2	10.8
203	17.0	13.7	20.5



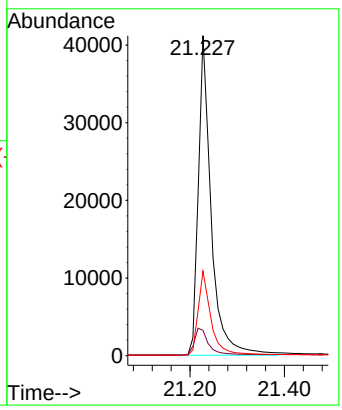


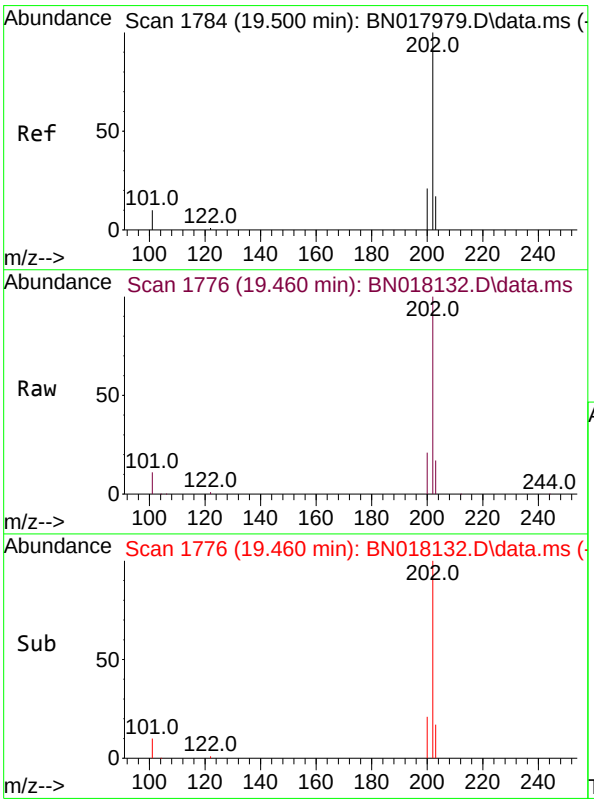
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 77890

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.0	9.0
236	26.4	21.4	32.2

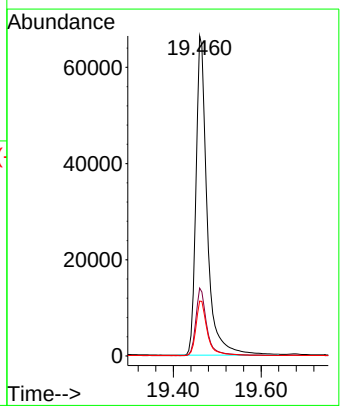


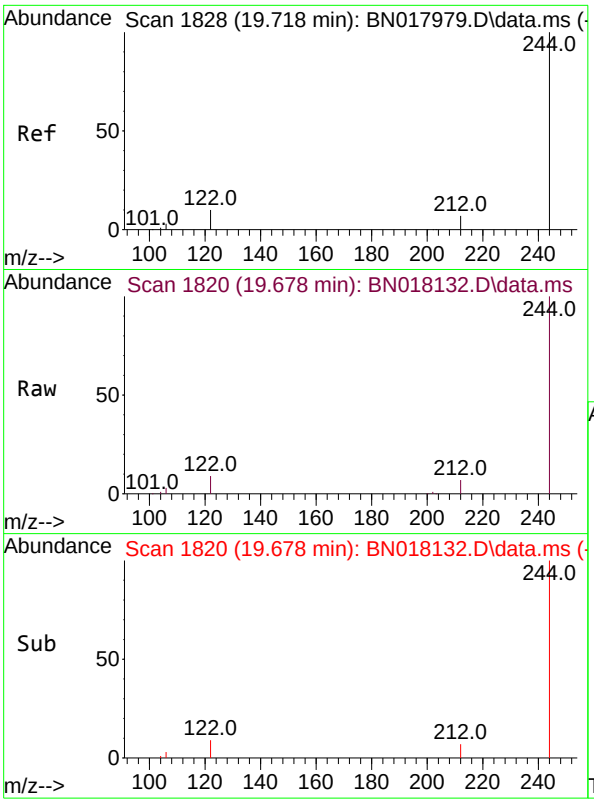


#30
Pyrene
Concen: 0.460 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:202 Resp: 117539

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	14.1	21.1



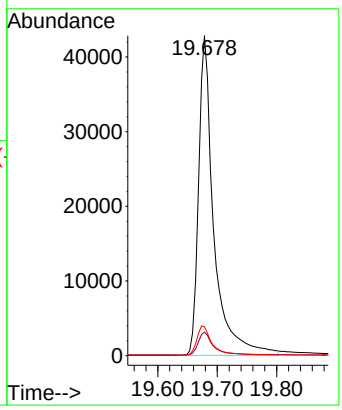


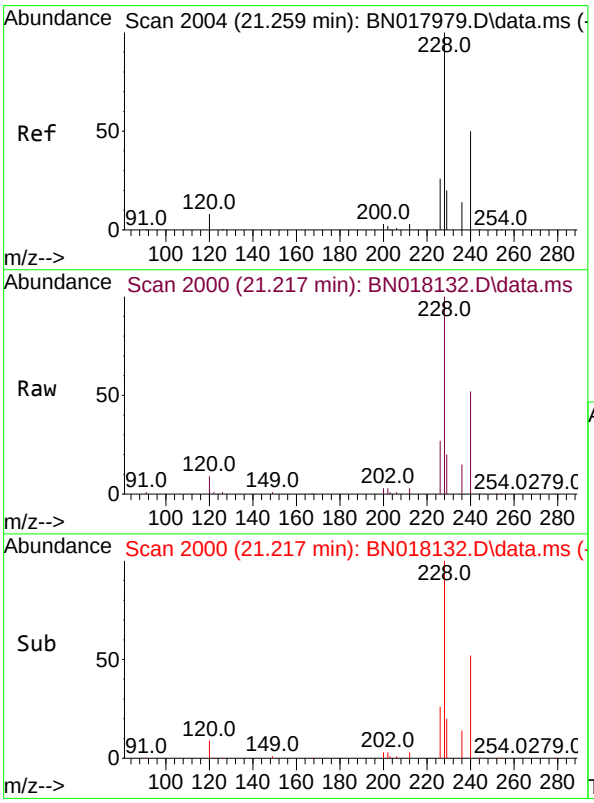
#31
Terphenyl-d14
Concen: 0.470 ng
RT: 19.678 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 76228

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.1	7.9	11.9

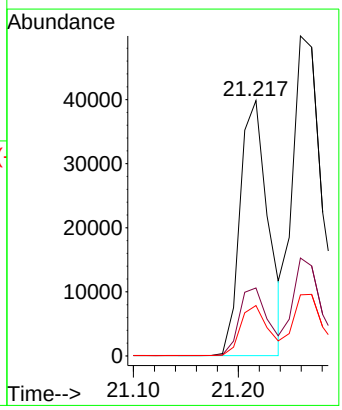


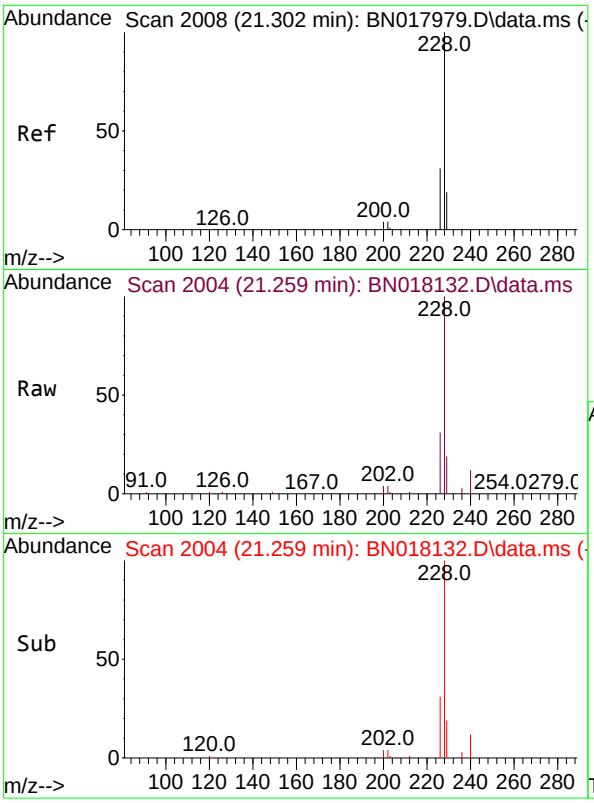


#32
Benzo(a)anthracene
Concen: 0.316 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.010 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:228 Resp: 74066

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.8	15.9	23.9



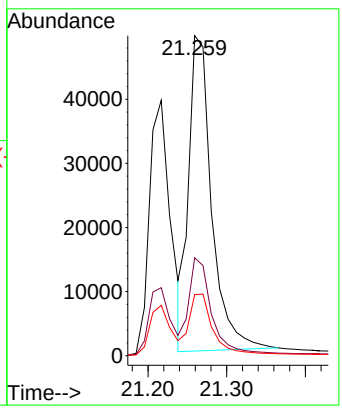


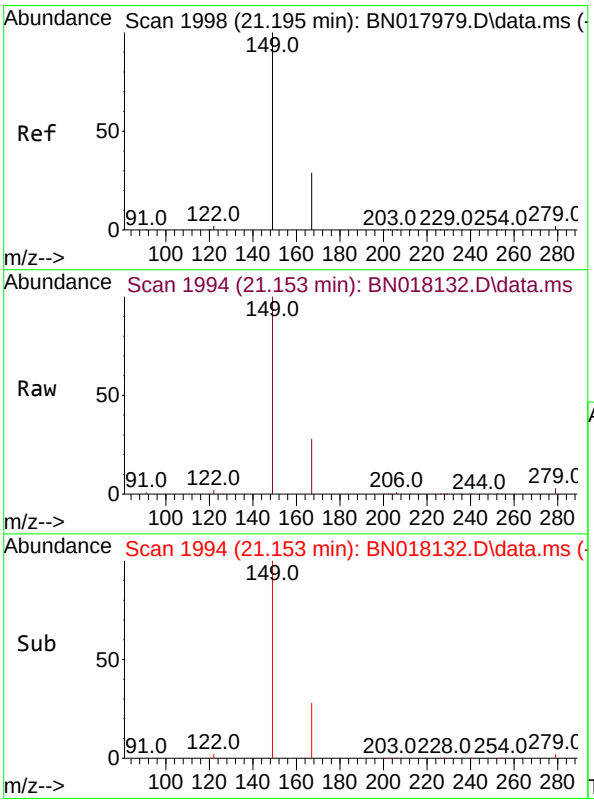
#33
Chrysene
Concen: 0.400 ng
RT: 21.259 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 99933

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.1	15.5	23.3

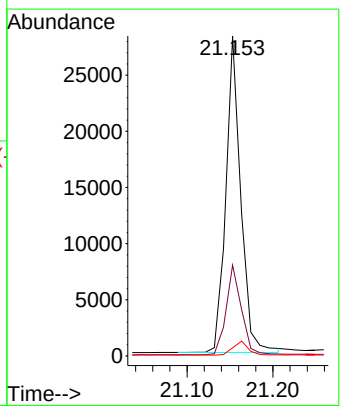


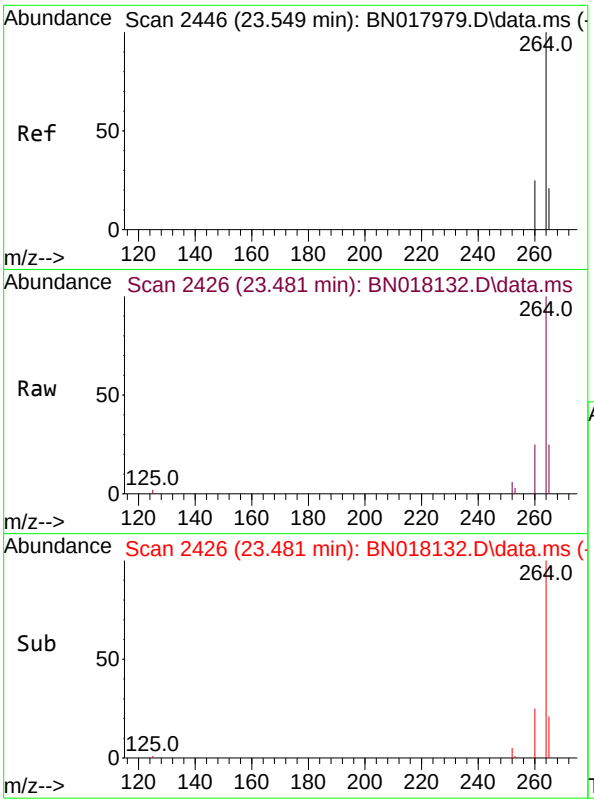


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.295 ng
RT: 21.153 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:149 Resp: 33945

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.7	35.5
279	4.5	3.6	5.4



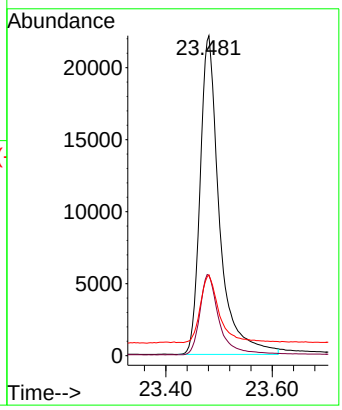


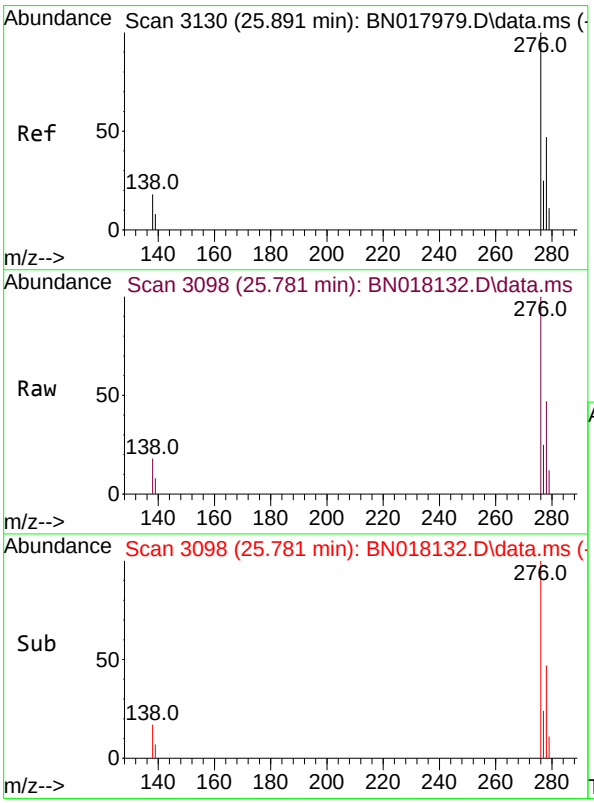
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 55672

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	25.2	18.2	27.2

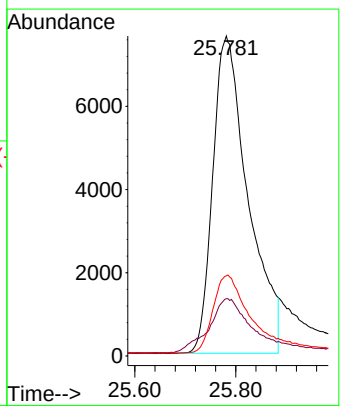


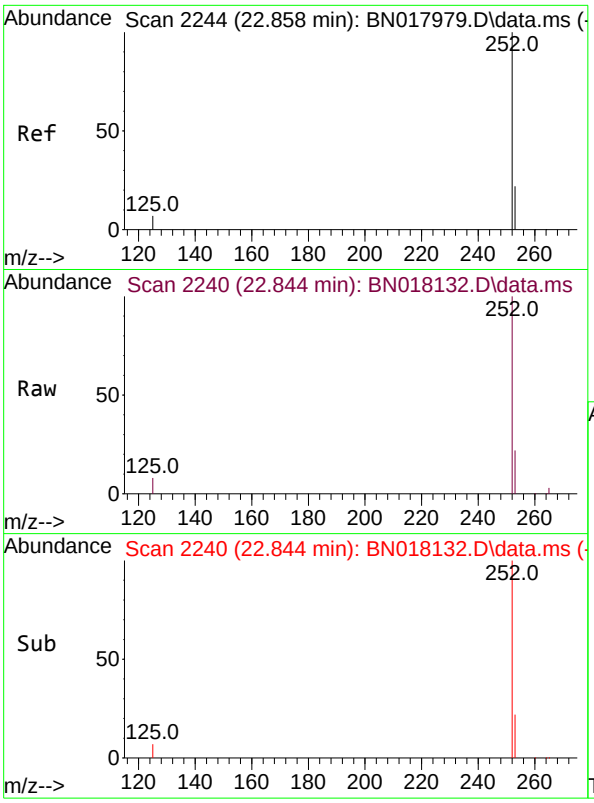


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng
RT: 25.781 min Scan# 3098
Delta R.T. 0.010 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:276 Resp: 37065

Ion	Ratio	Lower	Upper
276	100		
138	18.5	14.9	22.3
277	24.6	19.9	29.9



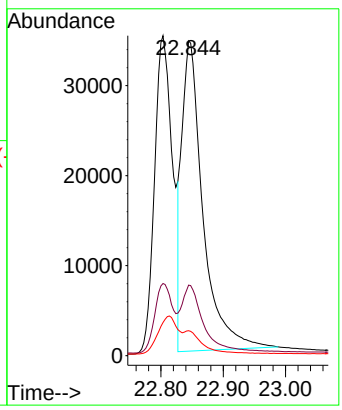


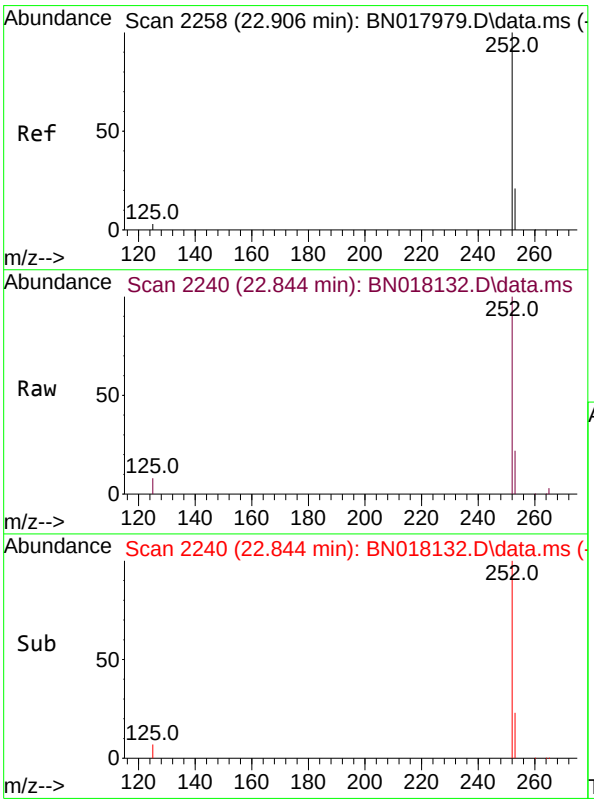
#37
Benzo(b)fluoranthene
Concen: 0.490 ng
RT: 22.844 min Scan# 2
Delta R.T. 0.048 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 80955

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	7.9	6.0	9.0

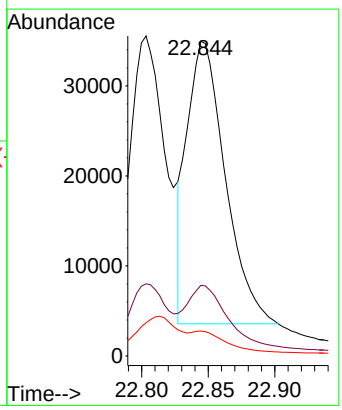


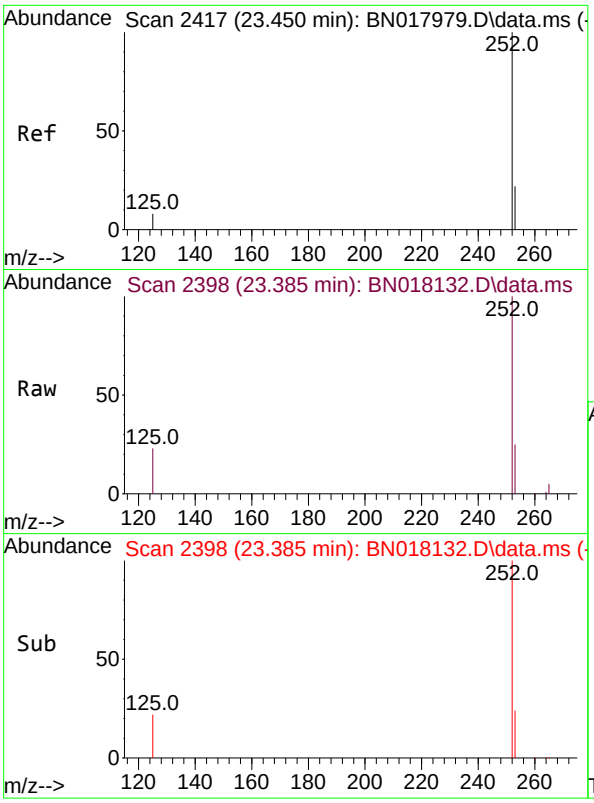


#38
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.003 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:252 Resp: 62866

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	7.9	6.2	9.2



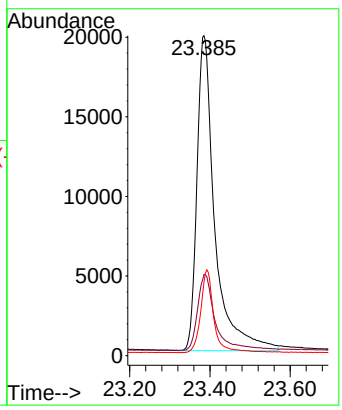


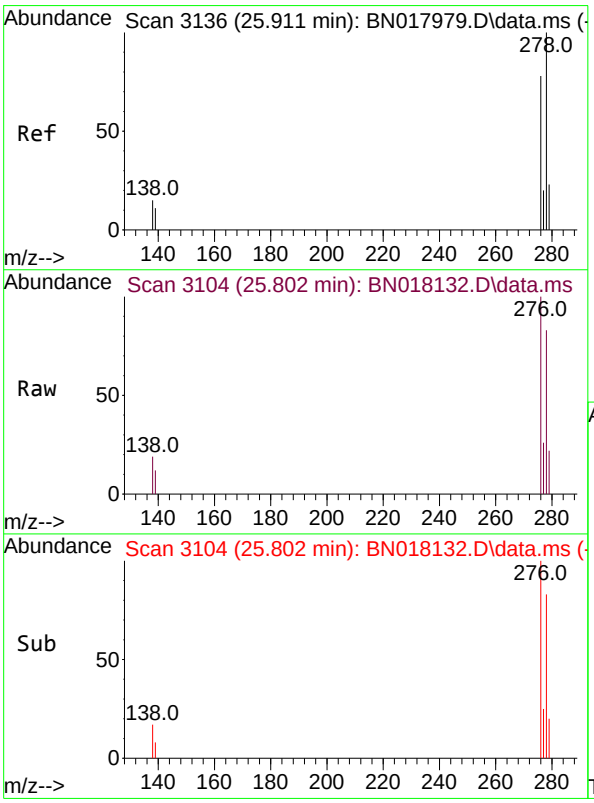
#39
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.385 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 61176

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.6
125	22.9	7.0	10.4#

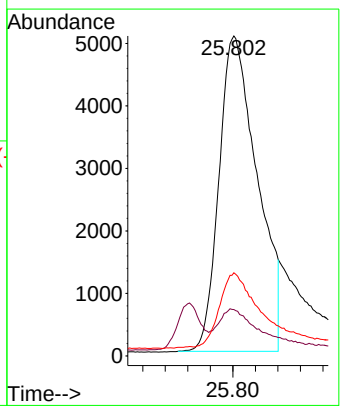


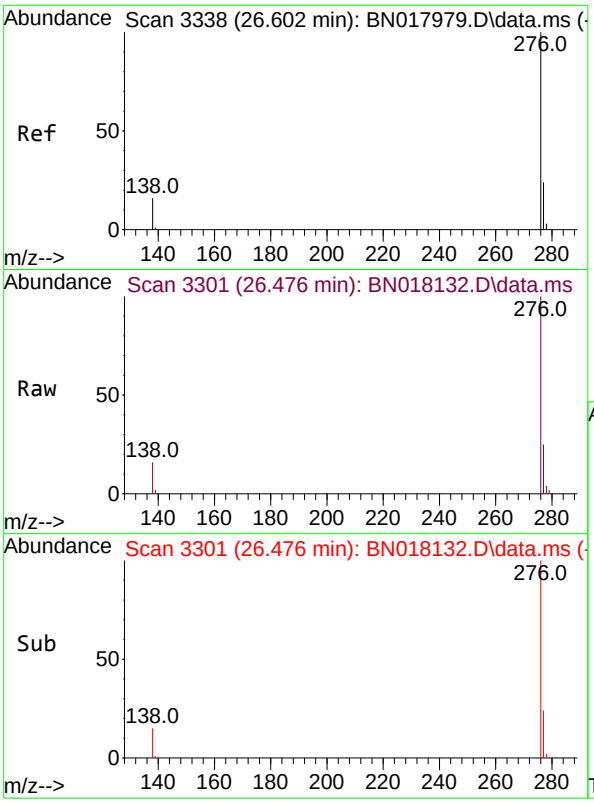


#40
Dibenzo(a,h)anthracene
Concen: 0.164 ng
RT: 25.802 min Scan# 3104
Delta R.T. 0.013 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Tgt Ion:278 Resp: 23852

Ion	Ratio	Lower	Upper
278	100		
139	14.5	10.8	16.2
279	26.0	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.219 ng
RT: 26.476 min Scan# 3
Delta R.T. 0.010 min
Lab File: BN018132.D
Acq: 20 Dec 2021 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 38107

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	16.2	12.6	19.0