Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018119.D
Acq On : 20 Dec 2021 12:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 14:17:14 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	23409	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	96030	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	55468	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	103505	0.400	ng		0.00
29) Chrysene-d12	21.228	240	81871	0.400	ng		0.00
35) Perylene-d12	23.474	264	57670	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	22069	0.435	ng		0.00
5) Phenol-d6	6.850	99	22733	0.447	ng		0.00
8) Nitrobenzene-d5	8.810	82	24115	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	62050	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	7957	0.415	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	78264	0.405	ng		0.00
27) Fluoranthene-d10	19.068	212	124444	0.360	ng		0.00
31) Terphenyl-d14	19.674	244	78291	0.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	6522	0.447	ng	#	59
3) n-Nitrosodimethylamine	3.549	42	9014	0.413	ng	#	99
6) bis(2-Chloroethyl)ether	7.099	93	24378	0.406	ng		99
9) Naphthalene	10.496	128	90782	0.377	ng		100
10) Hexachlorobutadiene	10.787	225	24824	0.374	ng	#	100
12) 2-Methylnaphthalene	12.114	142	59562	0.396	ng		99
16) Acenaphthylene	14.015	152	76872	0.335	ng		100
17) Acenaphthene	14.358	154	55461	0.380	ng		99
18) Fluorene	15.347	166	65627	0.366	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	788	0.275	ng	#	70
21) 4-Bromophenyl-phenylether	16.239	248	23976	0.383	ng	#	80
22) Hexachlorobenzene	16.348	284	30409	0.406	ng		99
23) Atrazine	16.507	200	15357	0.365	ng		99
24) Pentachlorophenol	16.701	266	5841	0.526	ng		99
25) Phenanthrene	17.079	178	102234	0.388	ng		100
26) Anthracene	17.164	178	82621	0.347	ng		100
28) Fluoranthene	19.098	202	122798	0.374	ng		100
30) Pyrene	19.460	202	121687	0.453	ng		100
32) Benzo(a)anthracene	21.206	228	86377	0.351	ng		99
33) Chrysene	21.259	228	98737	0.376	ng		100
34) Bis(2-ethylhexyl)phtha...	21.153	149	52433	0.434	ng		100
36) Indeno(1,2,3-cd)pyrene	25.771	276	40415	0.209	ng		99
37) Benzo(b)fluoranthene	22.797	252	74565	0.435	ng		99
38) Benzo(k)fluoranthene	22.841	252	66725	0.399	ng		99
39) Benzo(a)pyrene	23.378	252	62764	0.360	ng	#	96
40) Dibenzo(a,h)anthracene	25.788	278	27530	0.183	ng		96
41) Benzo(g,h,i)perylene	26.466	276	42163	0.233	ng		98

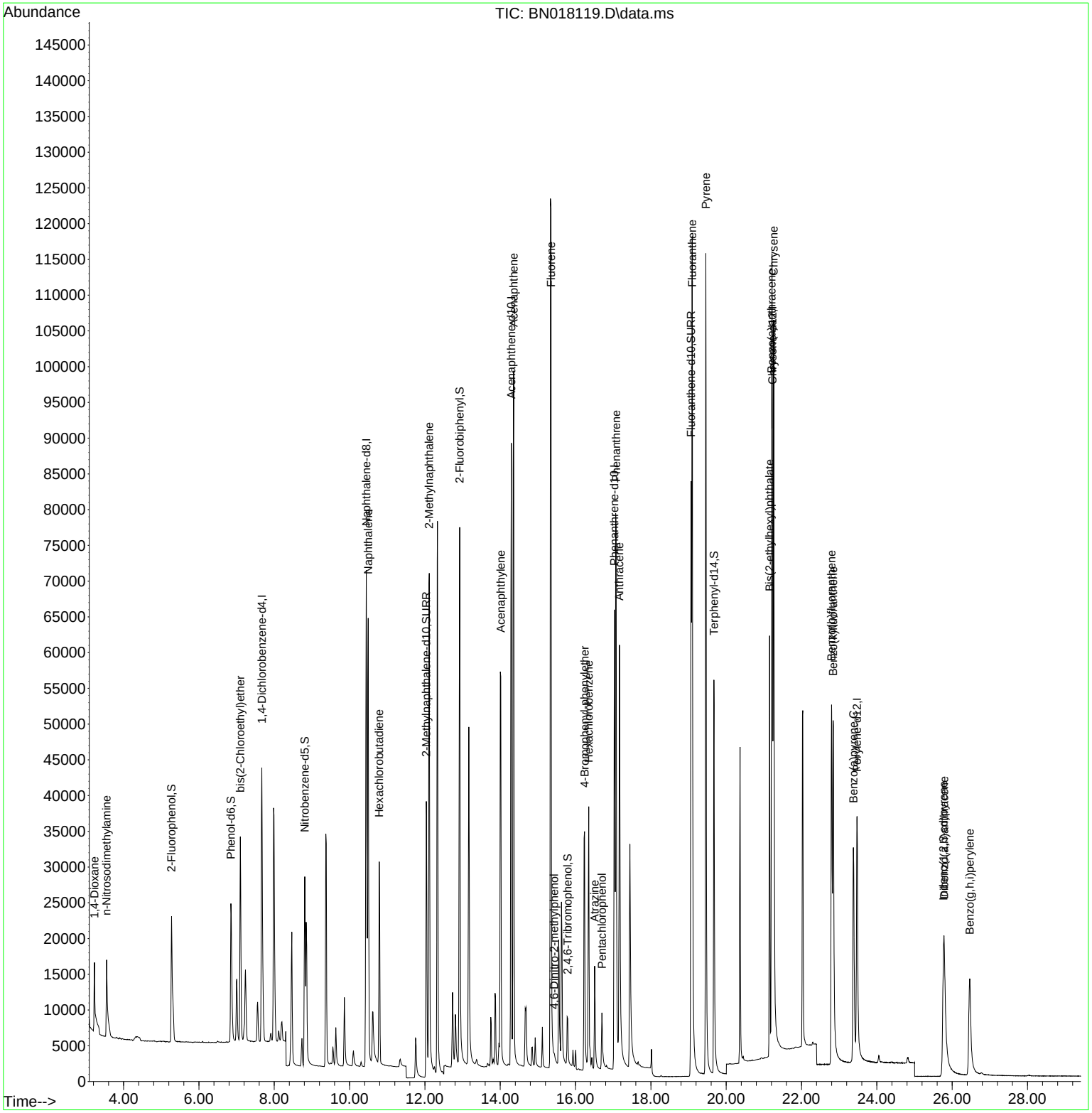
(#) = qualifier out of range (m) = manual integration (+) = signals summed

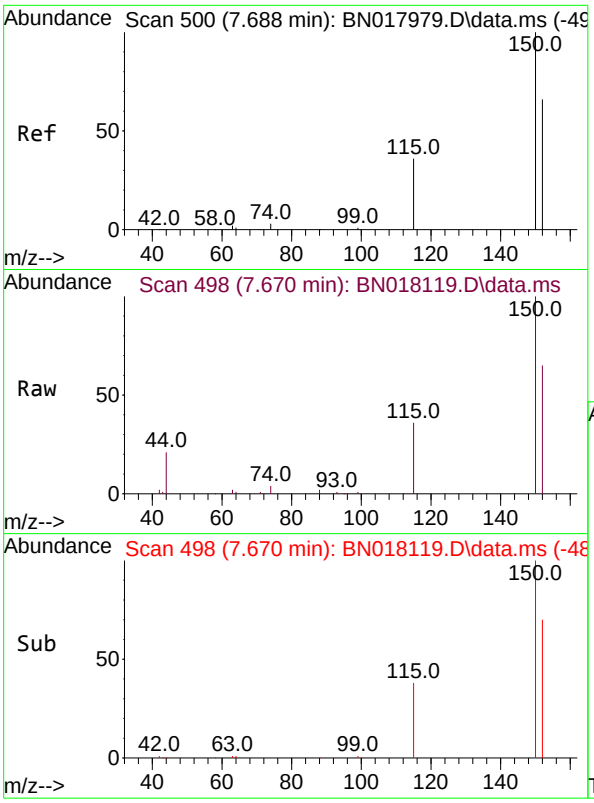
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018119.D
Acq On : 20 Dec 2021 12:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 14:17:14 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



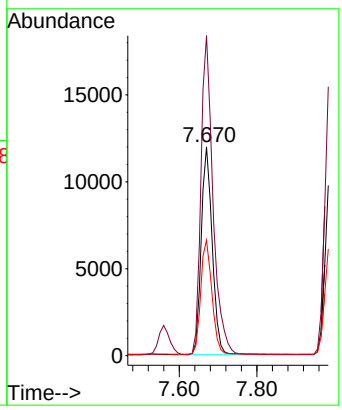


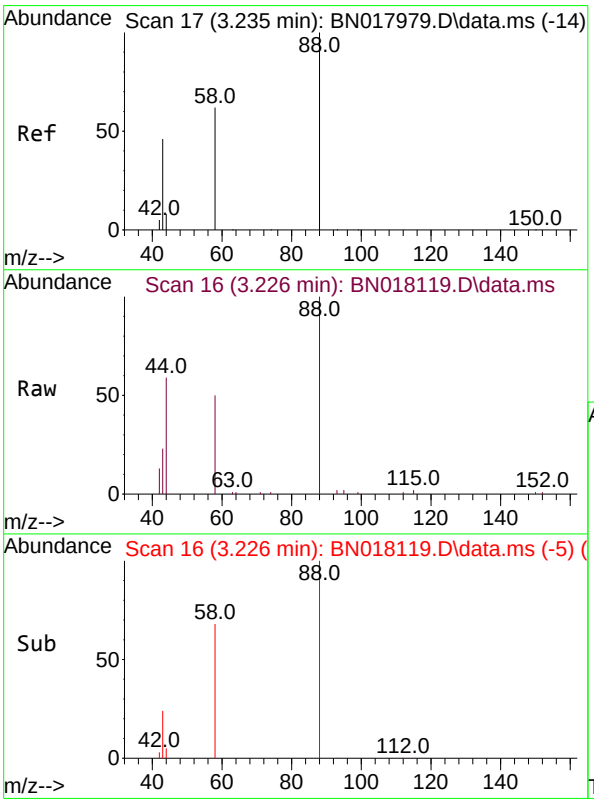
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 23409

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.7	182.5
115	55.3	43.8	65.8

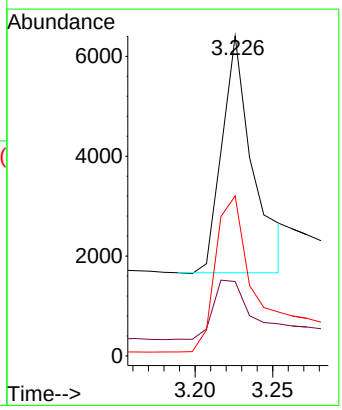


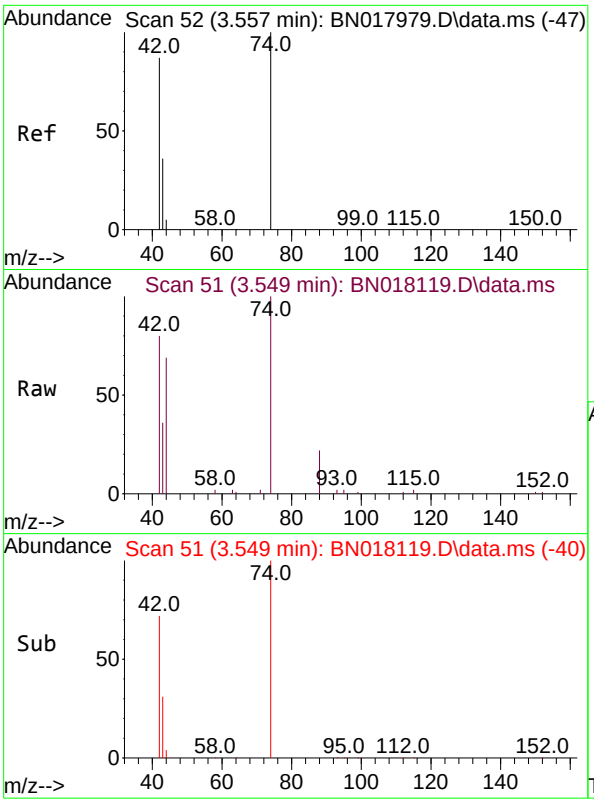


#2
1,4-Dioxane
Concen: 0.447 ng
RT: 3.226 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion: 88 Resp: 6522

Ion	Ratio	Lower	Upper
88	100		
43	31.5	69.7	104.5#
58	79.1	83.8	125.8#



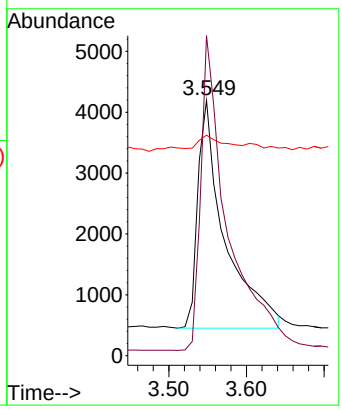


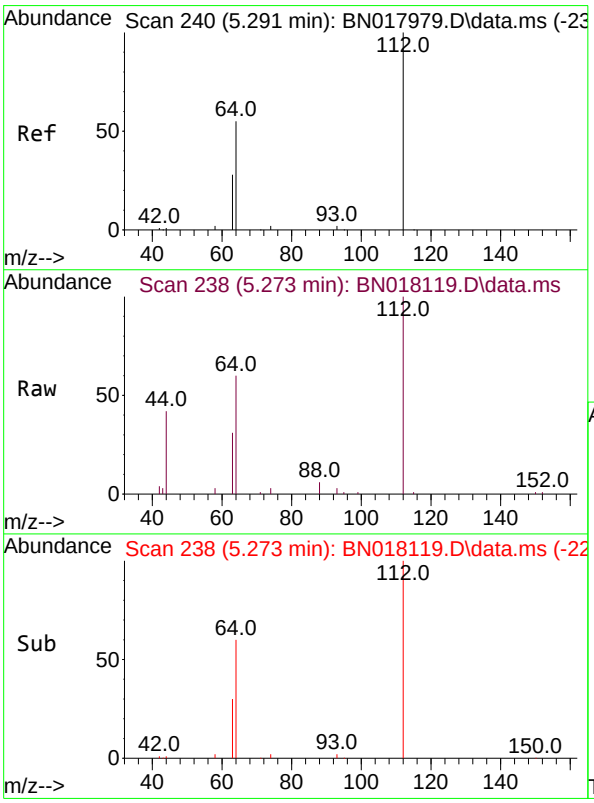
#3
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.549 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 9014

Ion	Ratio	Lower	Upper
42	100		
74	135.6	108.6	163.0
44	5.0	5.8	8.8#

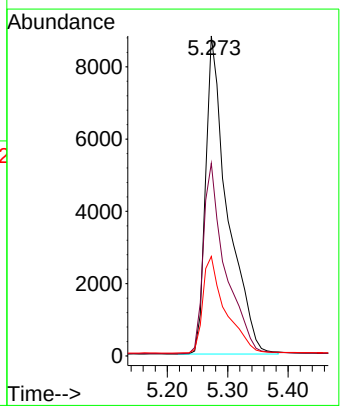


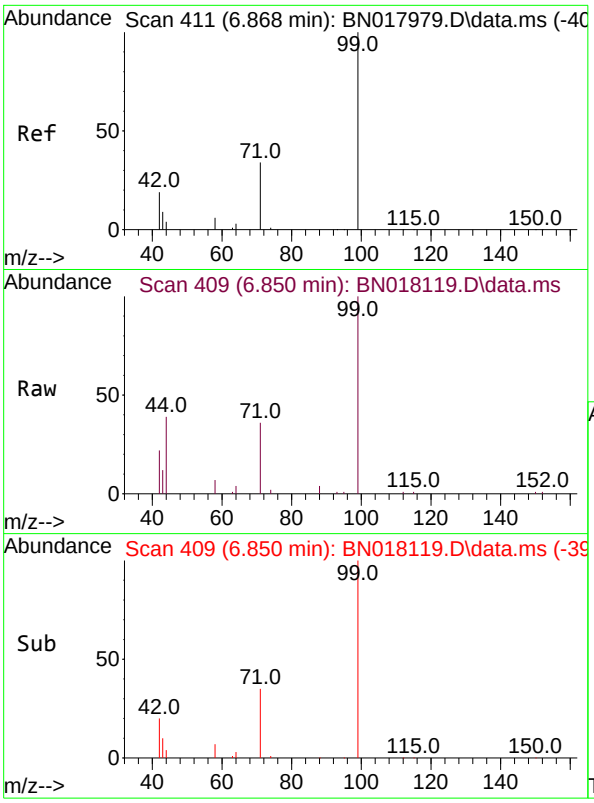


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:112 Resp: 22069

Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.0	72.0
63	31.2	25.3	37.9



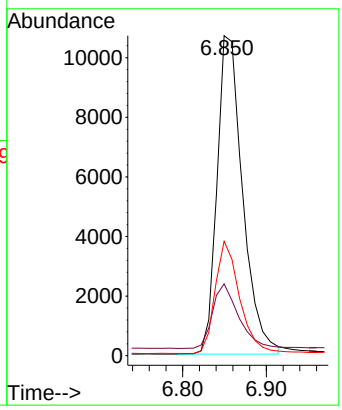


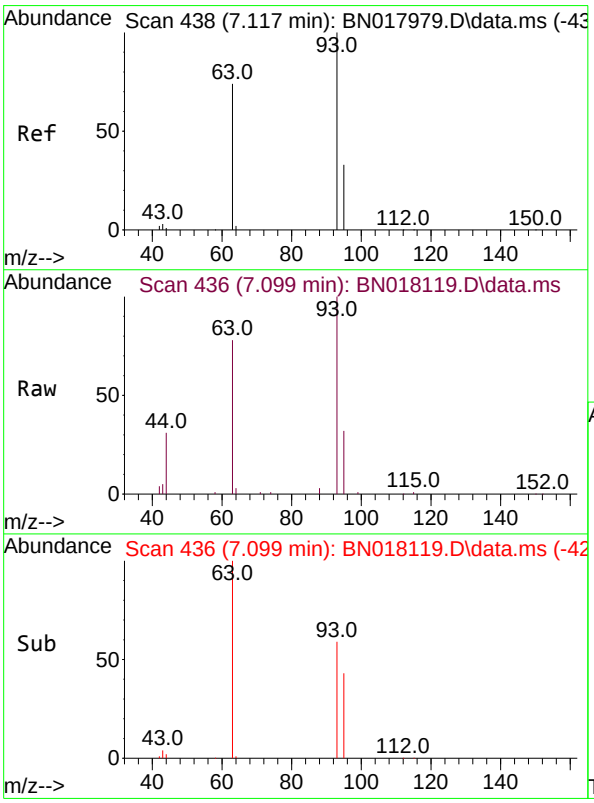
#5
Phenol-d6
Concen: 0.447 ng
RT: 6.850 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 22733

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.3	24.5
71	33.5	26.8	40.2

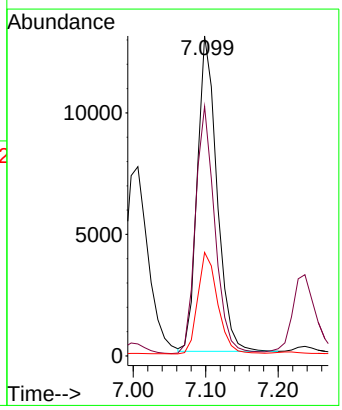


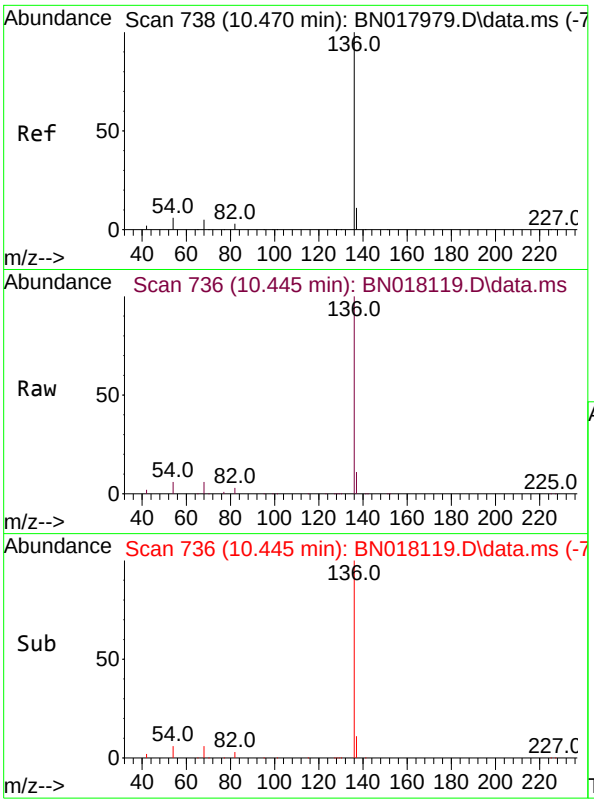


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.099 min Scan# 436
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion: 93 Resp: 24378

Ion	Ratio	Lower	Upper
93	100		
63	77.8	61.7	92.5
95	32.6	26.2	39.4



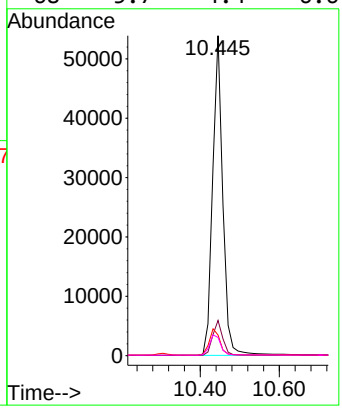


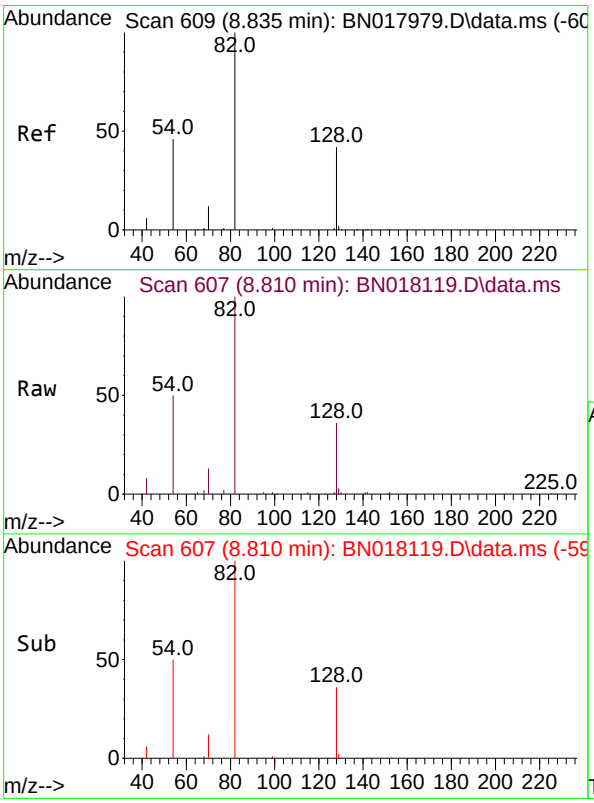
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 96030

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.0	7.6
68	5.7	4.4	6.6

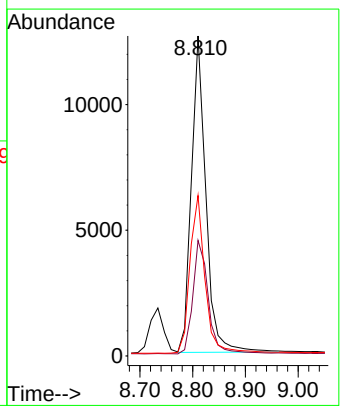


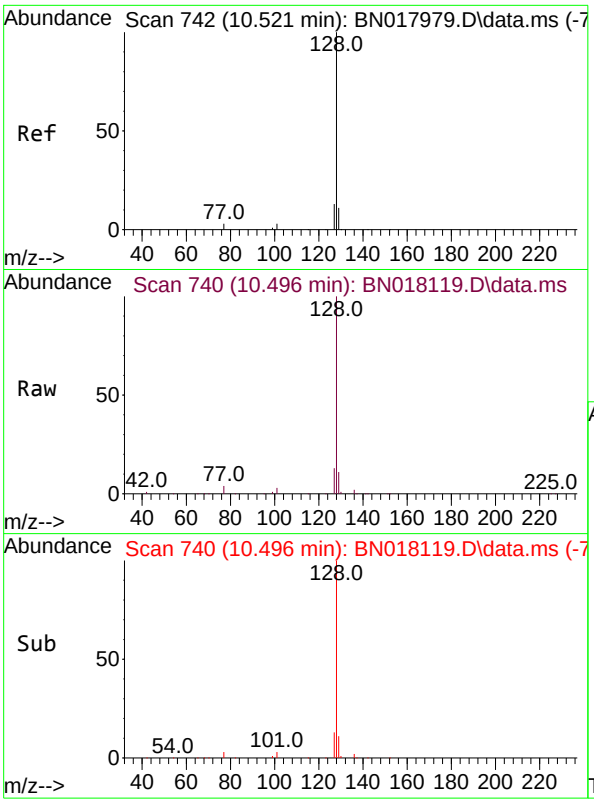


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion: 82 Resp: 24115

Ion	Ratio	Lower	Upper
82	100		
128	36.1	33.7	50.5
54	50.1	36.6	55.0



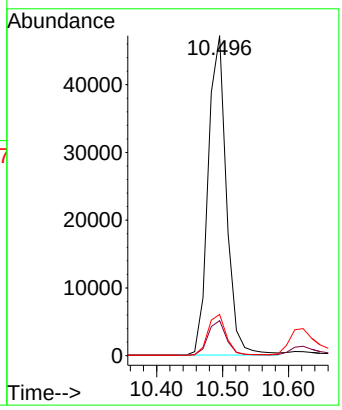


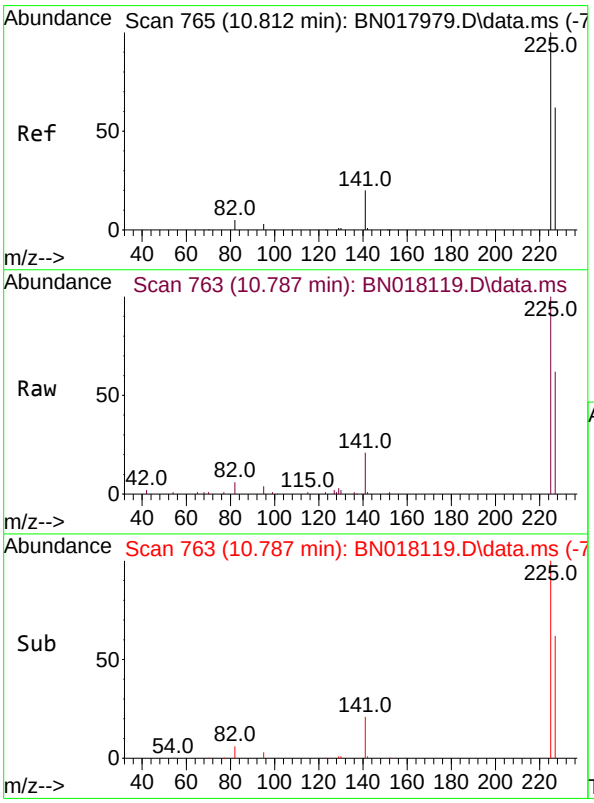
#9
Naphthalene
Concen: 0.377 ng
RT: 10.496 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 90782

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.9	10.4	15.6

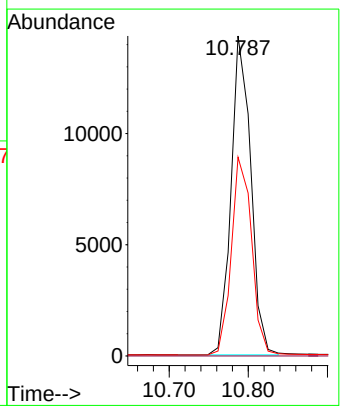


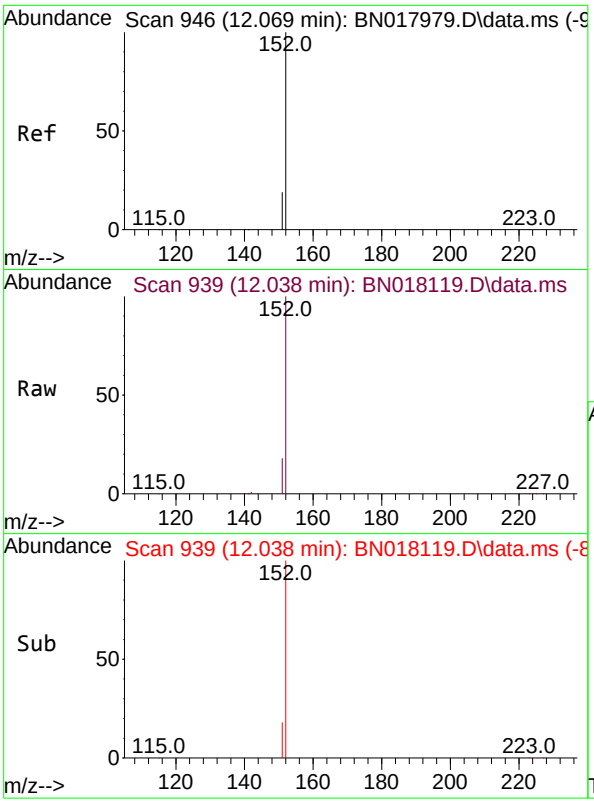


#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:225 Resp: 24824

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



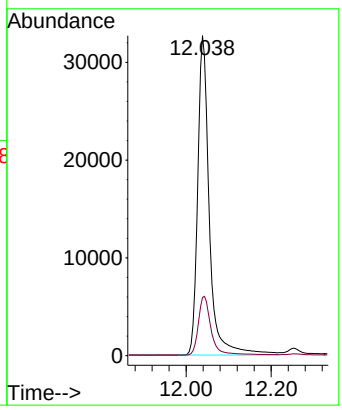


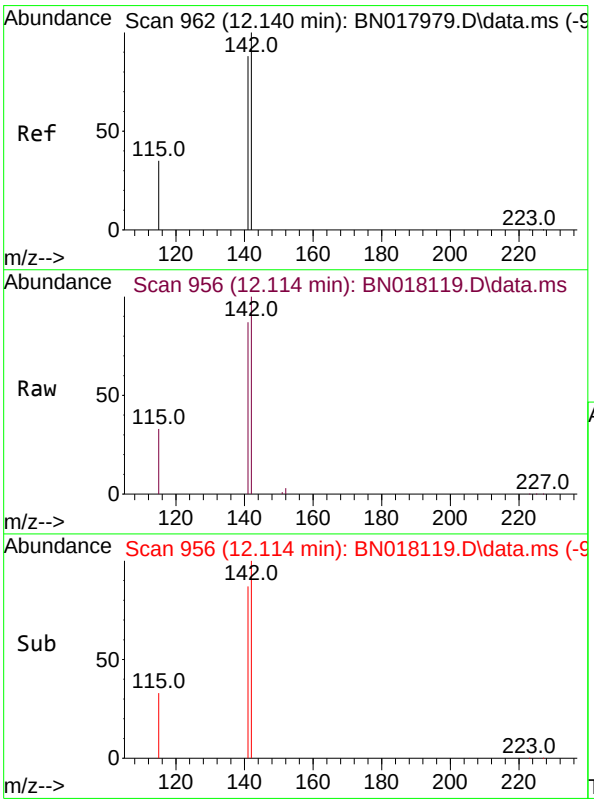
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.038 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 62050

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

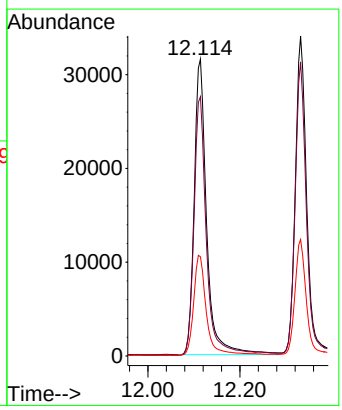


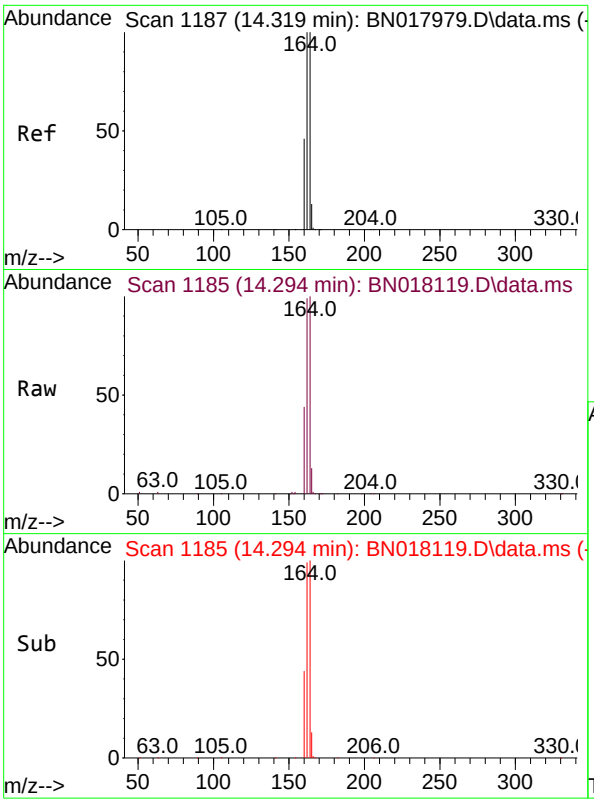


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:142 Resp: 59562

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.0	105.0
115	33.4	27.8	41.8



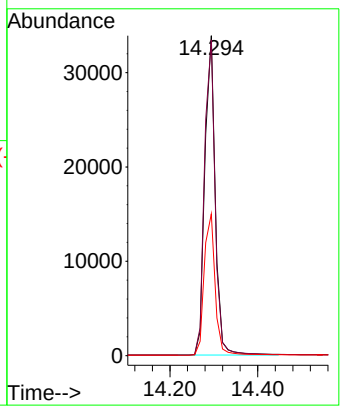


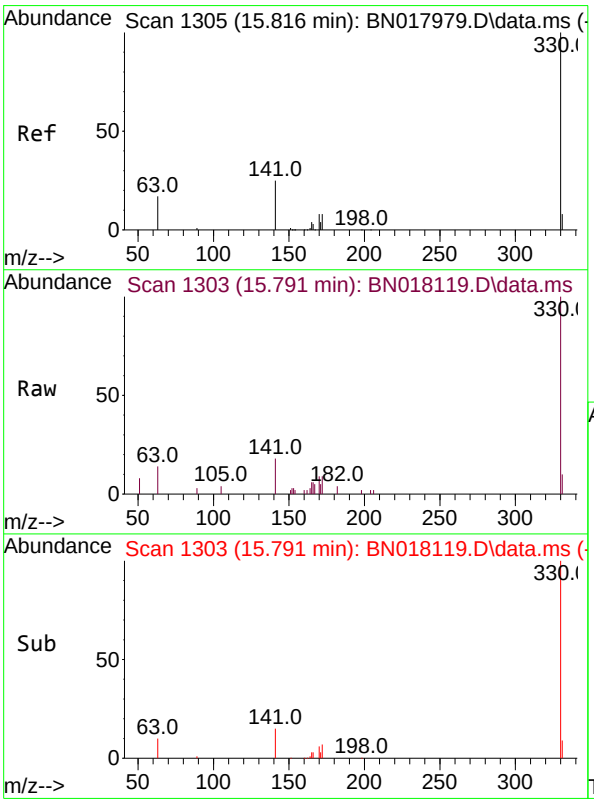
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 55468

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.2	120.2
160	44.3	36.9	55.3

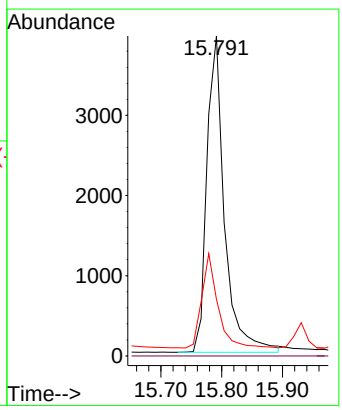


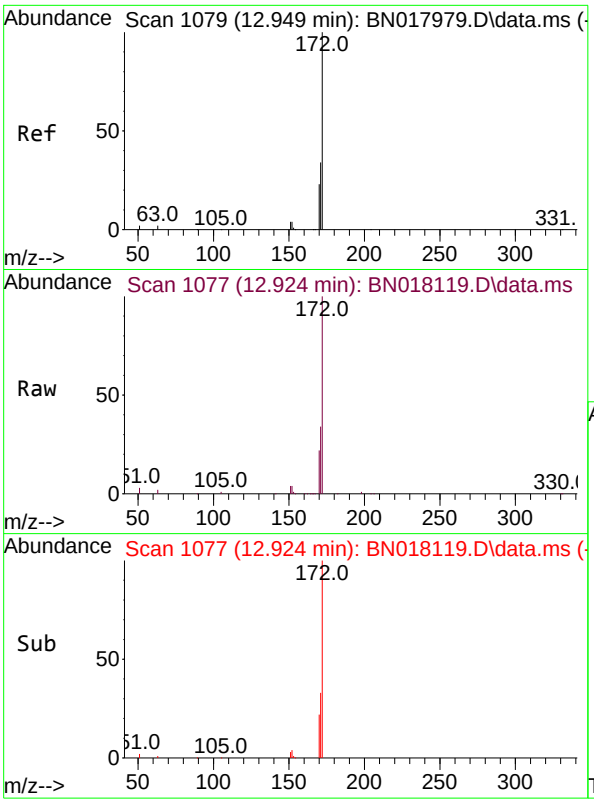


#14
2,4,6-Tribromophenol
Concen: 0.415 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:330 Resp: 7957

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.1	21.3	31.9



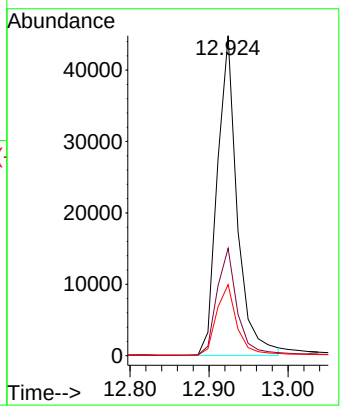


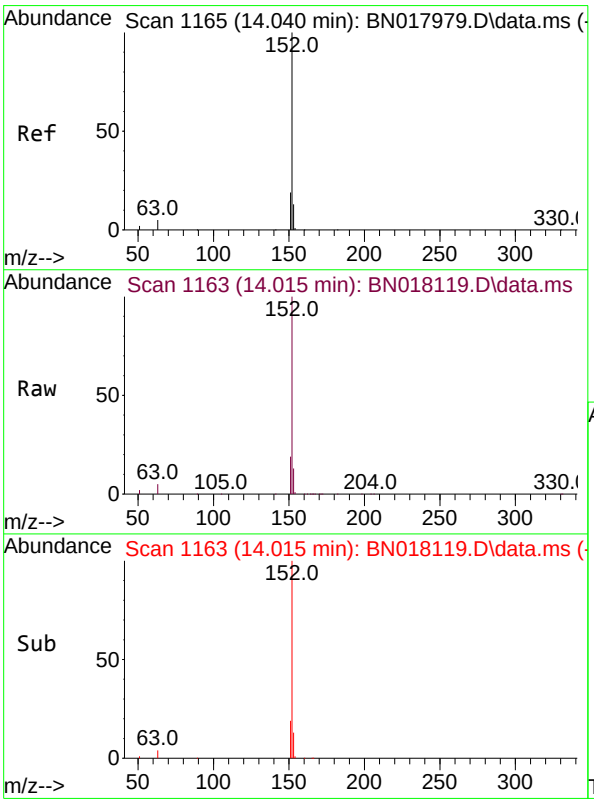
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.924 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 78264

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.0
170	22.2	18.4	27.6

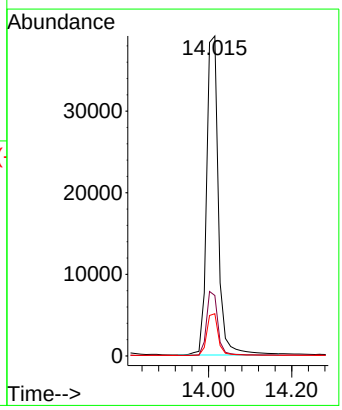


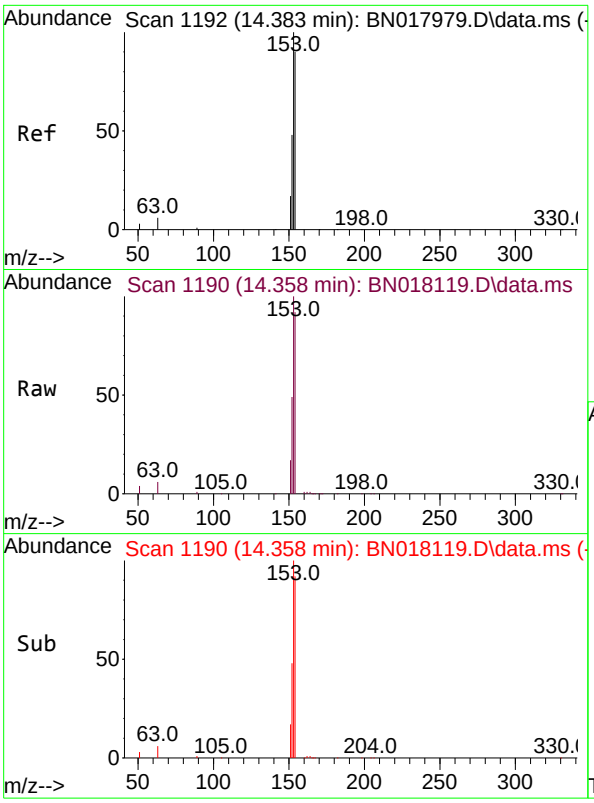


#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:152 Resp: 76872

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



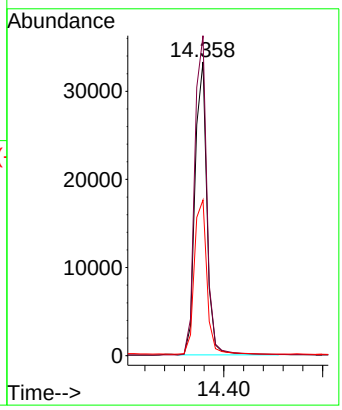


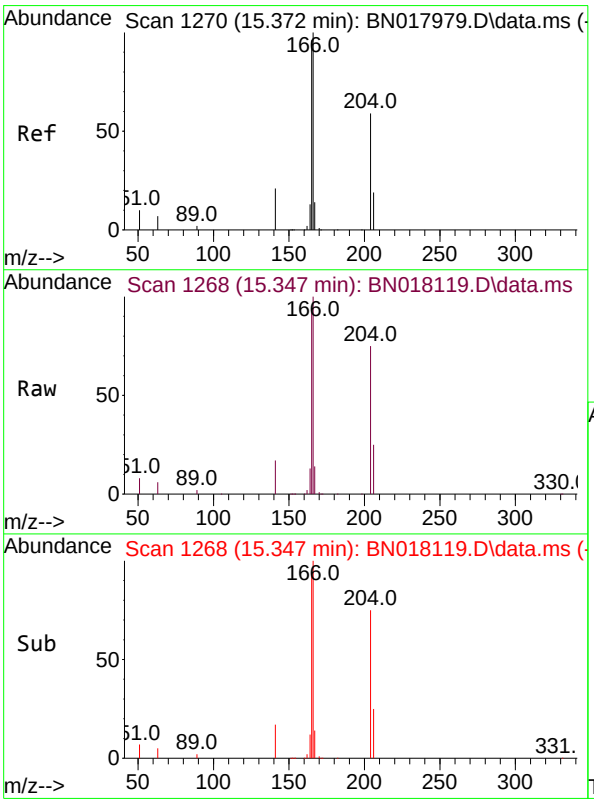
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.358 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 55461

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.9	136.3
152	55.6	45.0	67.4

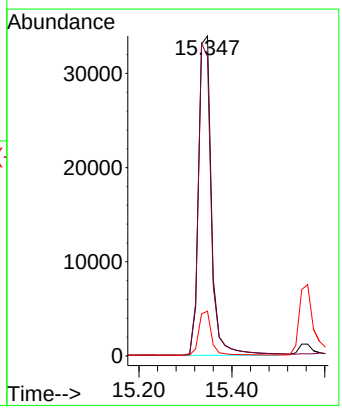


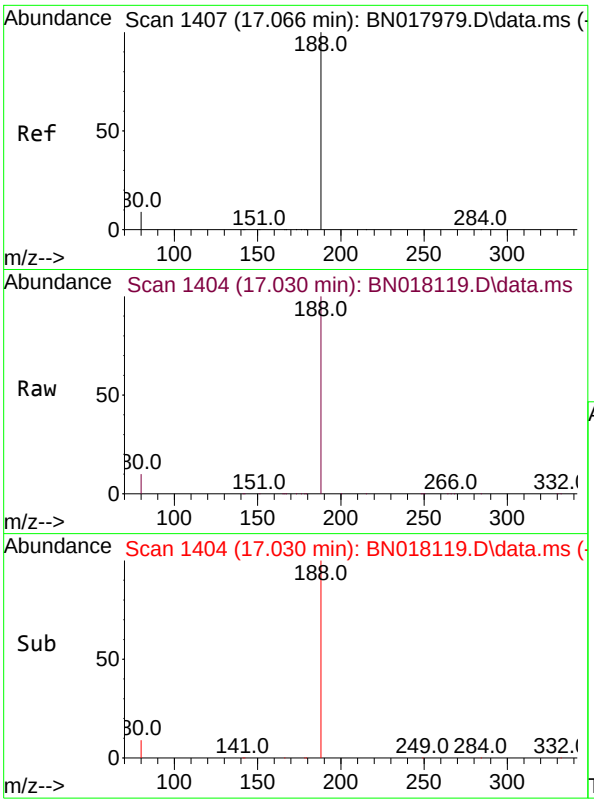


#18
Fluorene
Concen: 0.366 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:166 Resp: 65627

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.8	116.6
167	13.6	10.9	16.3



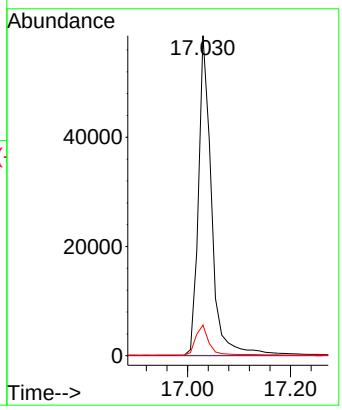


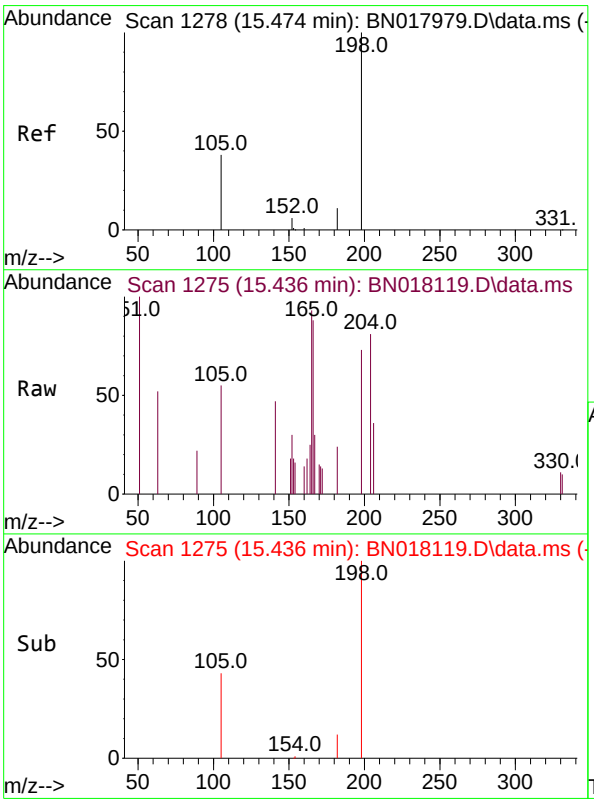
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 103505

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.0	10.4

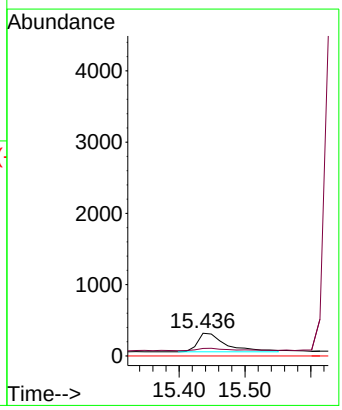


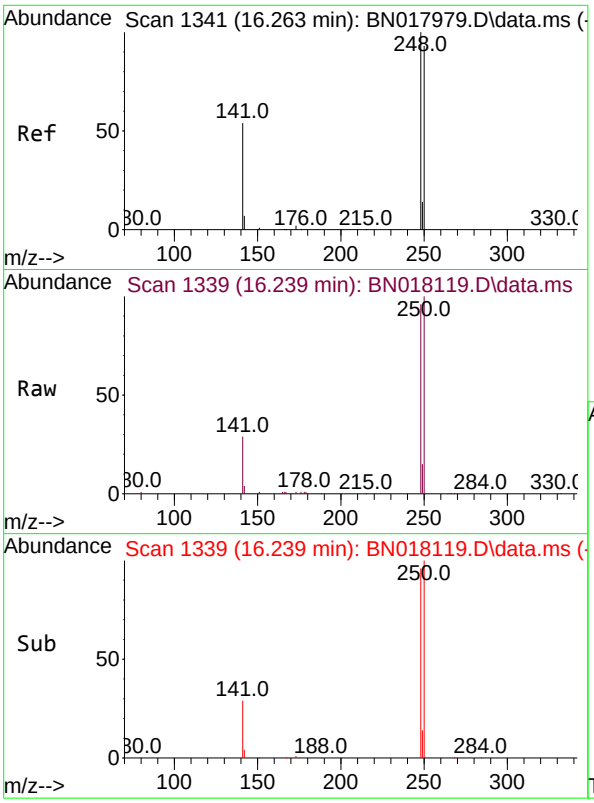


#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:198 Resp: 788

Ion	Ratio	Lower	Upper
198	100		
182	32.9	15.5	23.3#
77	0.0	0.0	0.0



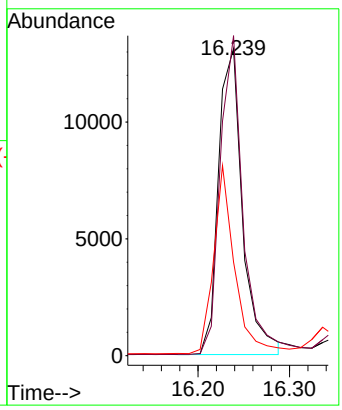


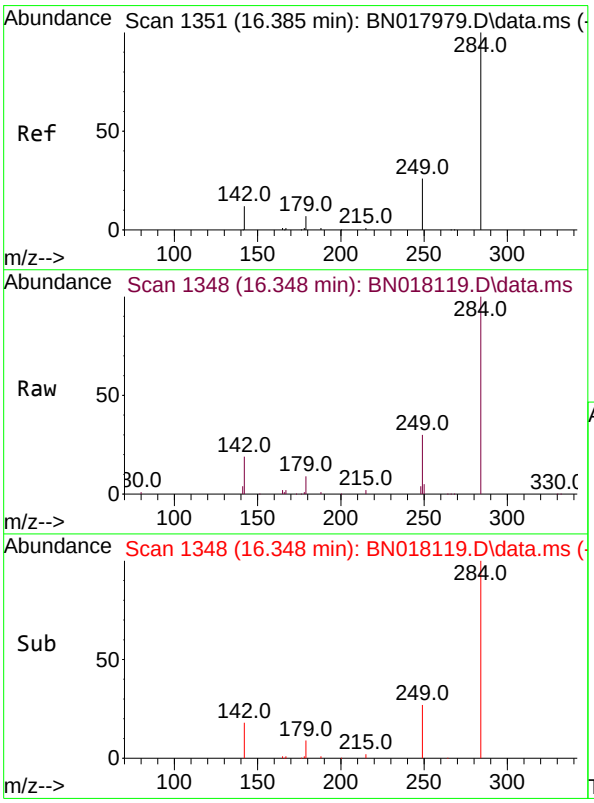
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 23976

Ion	Ratio	Lower	Upper
248	100		
250	104.2	74.4	111.6
141	30.5	43.7	65.5#

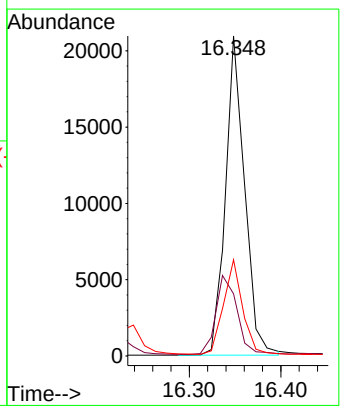


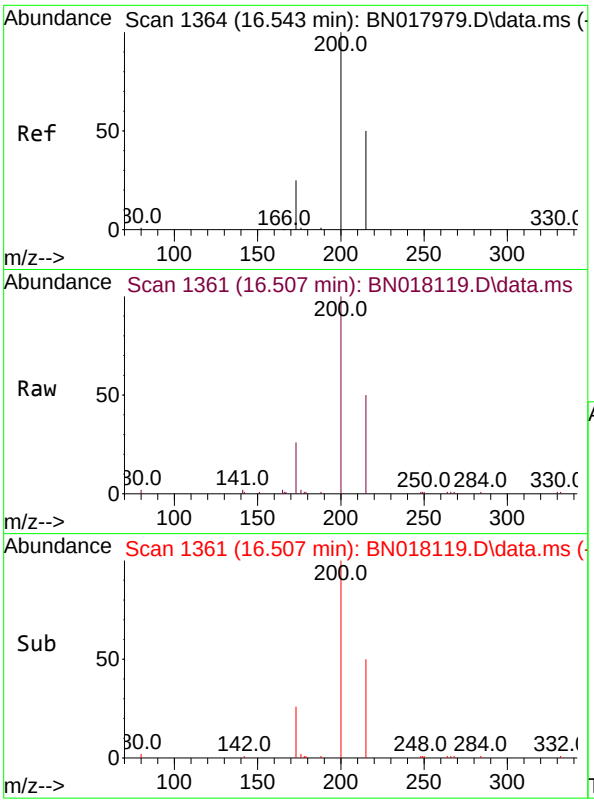


#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:284 Resp: 30409

Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	28.9	23.5	35.3



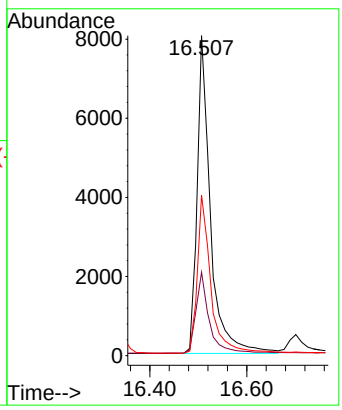


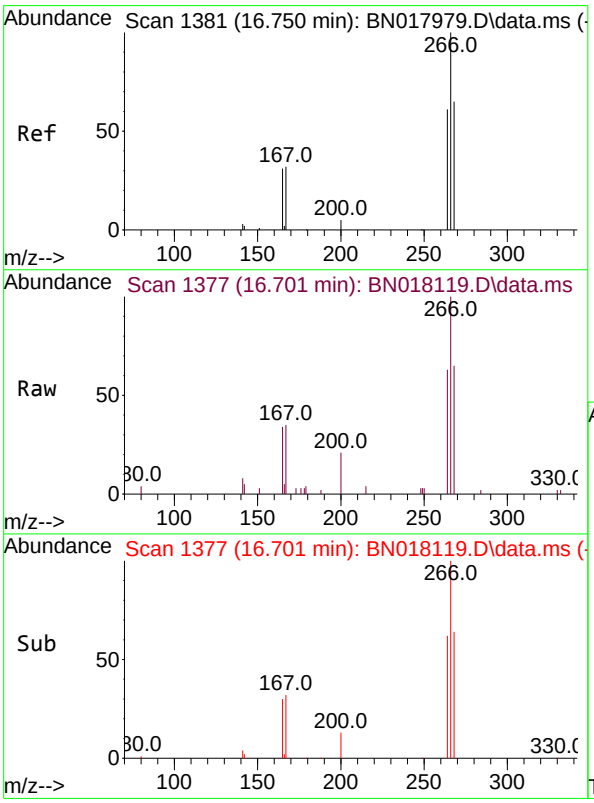
#23
Atrazine
Concen: 0.365 ng
RT: 16.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 15357

Ion	Ratio	Lower	Upper
200	100		
173	26.1	20.3	30.5
215	50.2	40.4	60.6

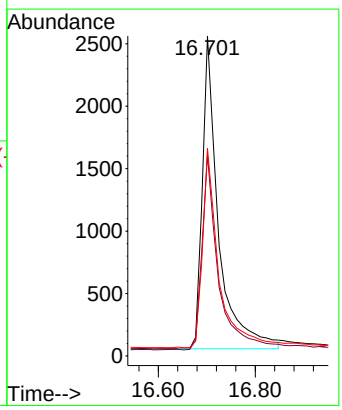


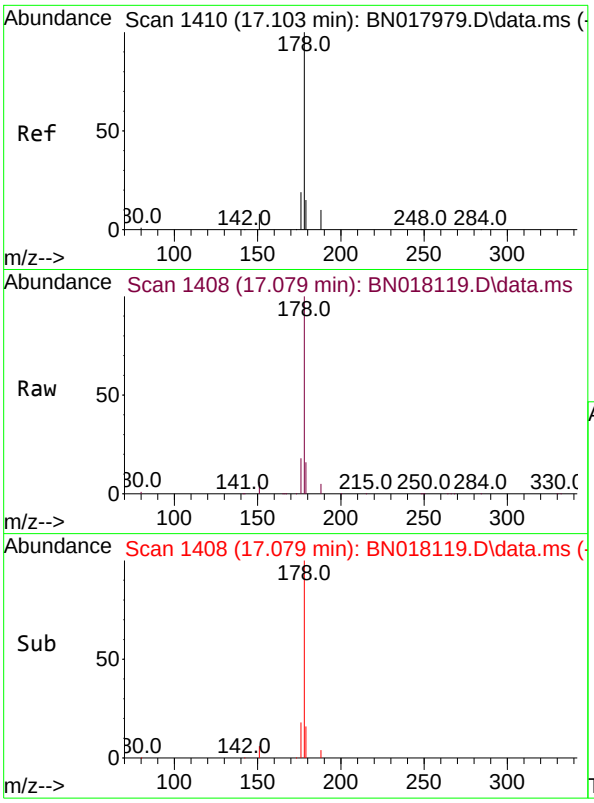


#24
Pentachlorophenol
Concen: 0.526 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:266 Resp: 5841

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.5	74.3
268	63.7	50.6	76.0



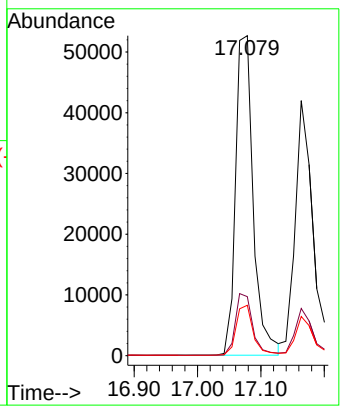


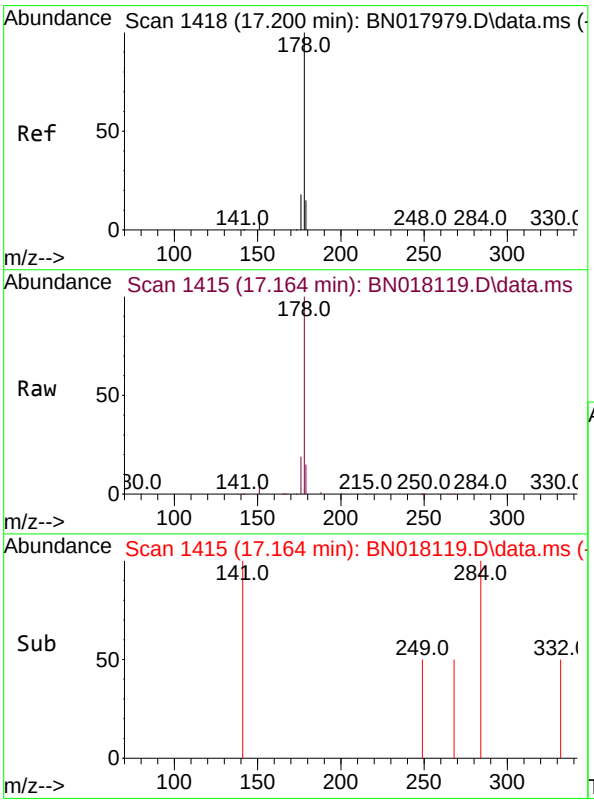
#25
Phenanthrene
Concen: 0.388 ng
RT: 17.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 102234

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

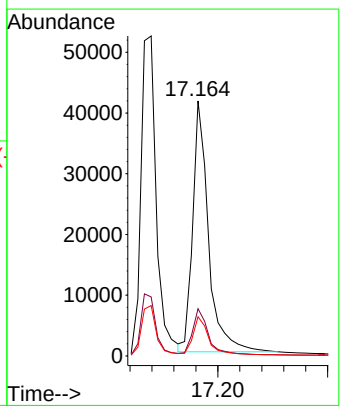


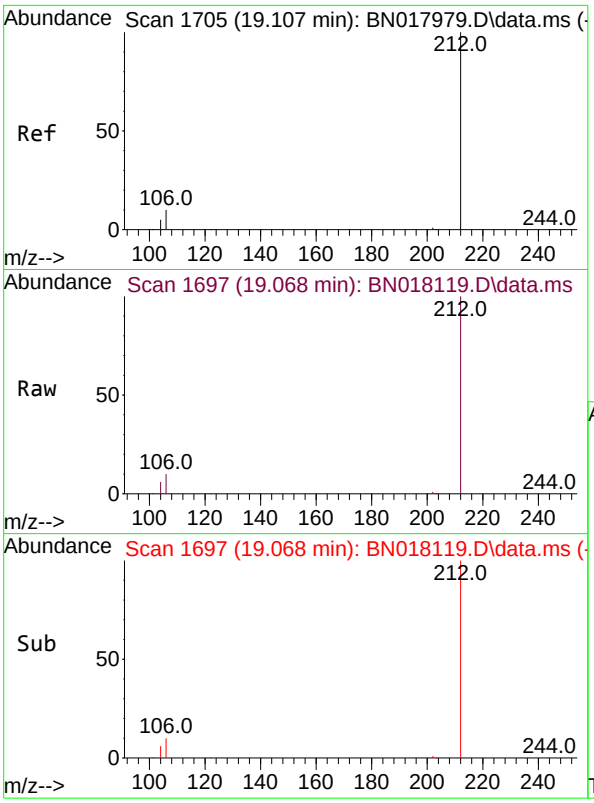


#26
Anthracene
Concen: 0.347 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:178 Resp: 82621

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.1	12.2	18.4



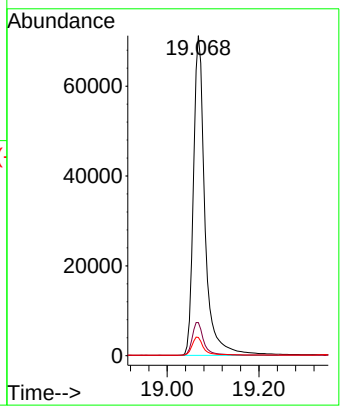


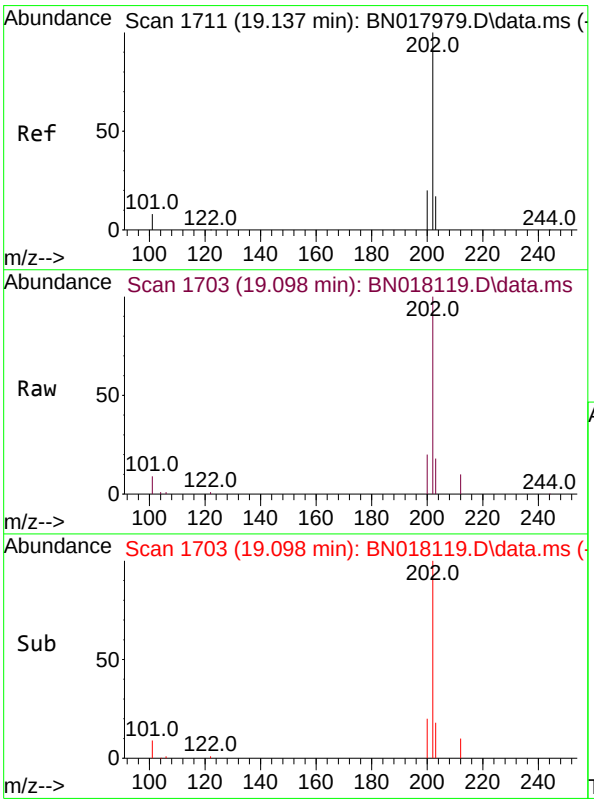
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 124444

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	5.7	4.5	6.7

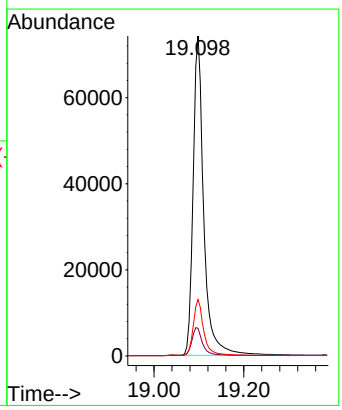


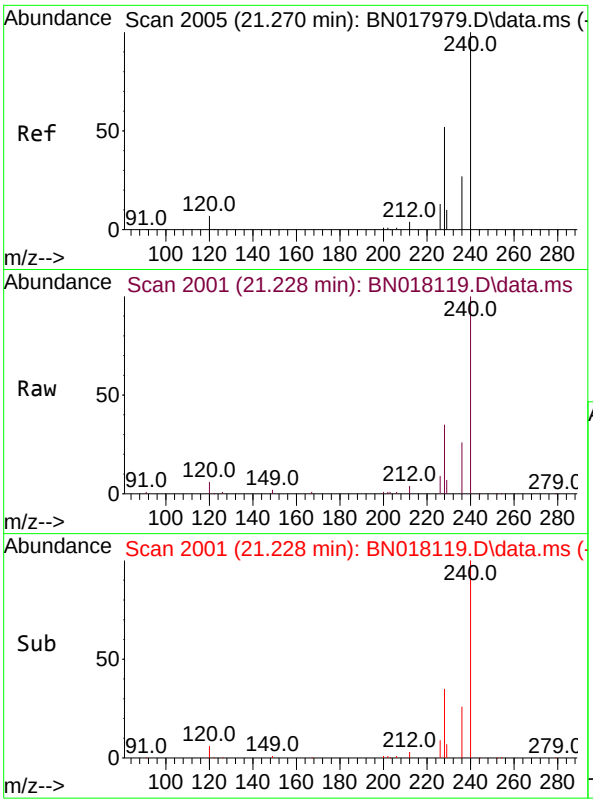


#28
Fluoranthene
Concen: 0.374 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:202 Resp: 122798

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.2	10.8
203	17.1	13.7	20.5



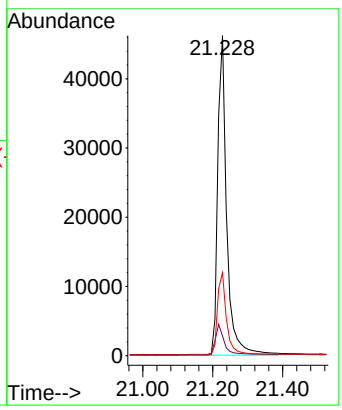


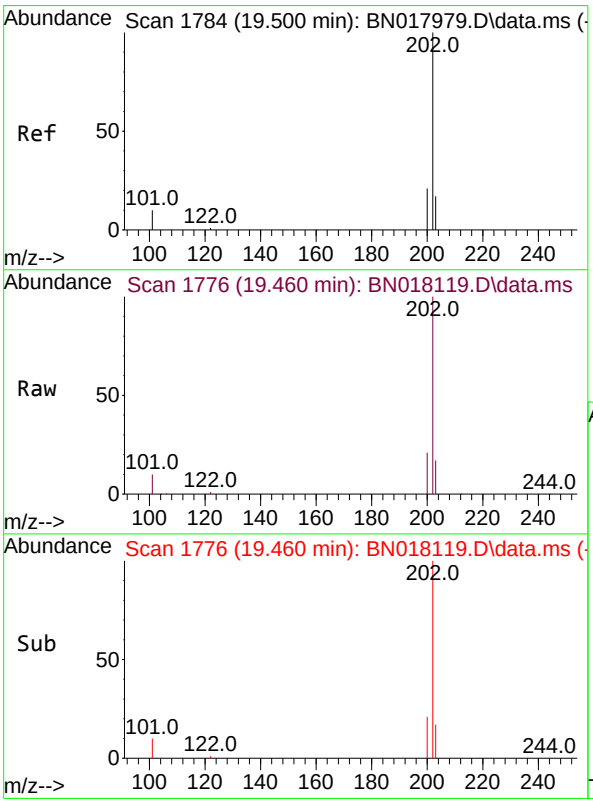
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 81871

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.0	9.0
236	26.0	21.4	32.2

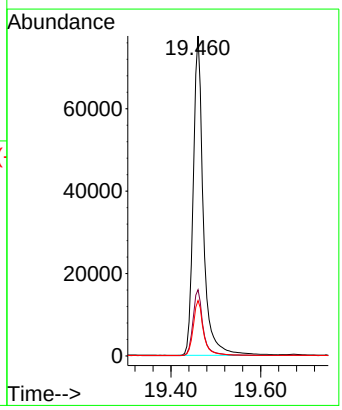


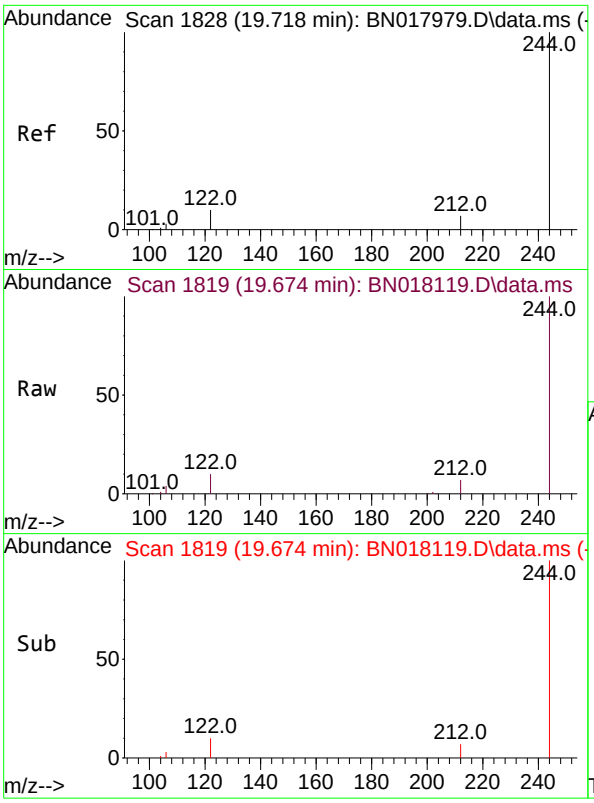


#30
Pyrene
Concen: 0.453 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:202 Resp: 121687

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.5	14.1	21.1



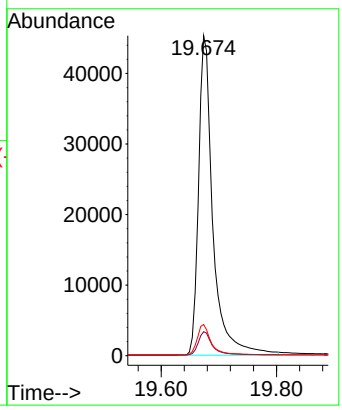


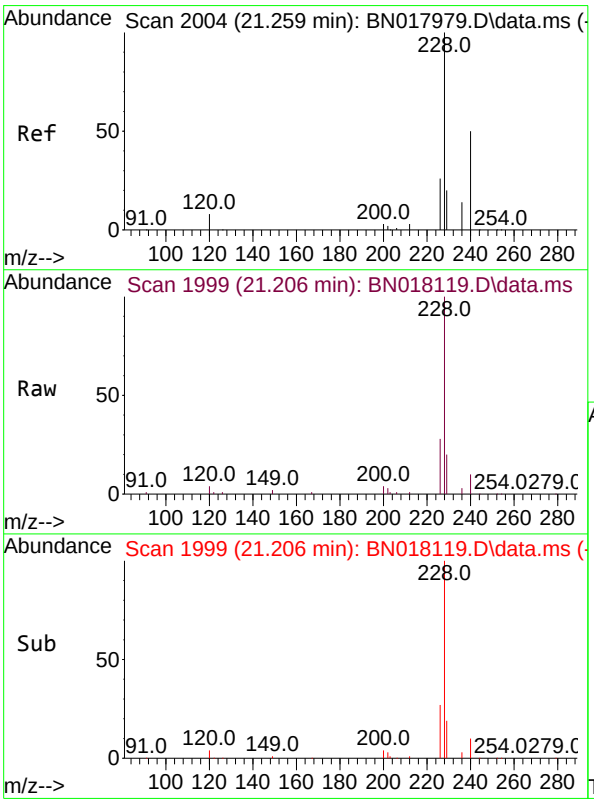
#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.674 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 78291

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.8	7.9	11.9

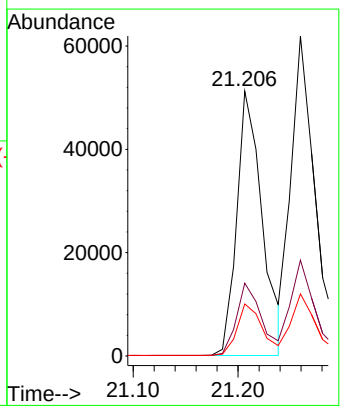


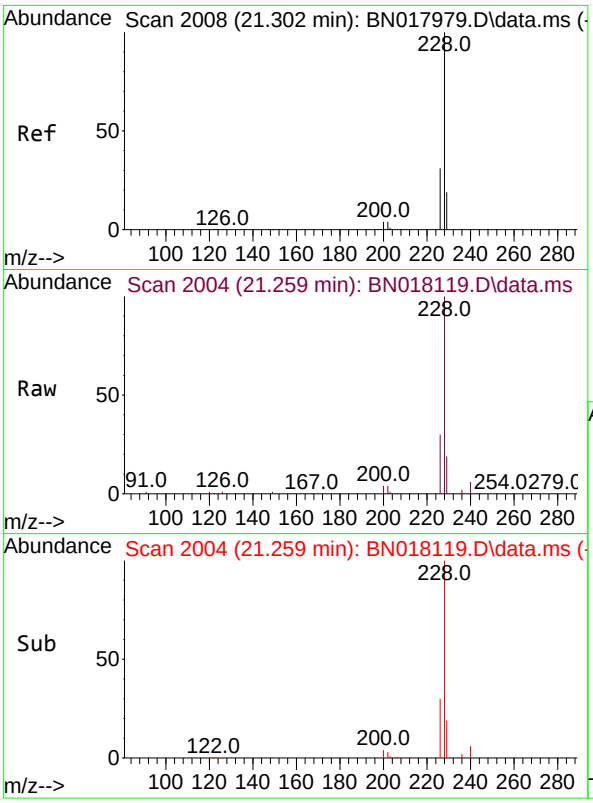


#32
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:228 Resp: 86377

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	19.6	15.9	23.9



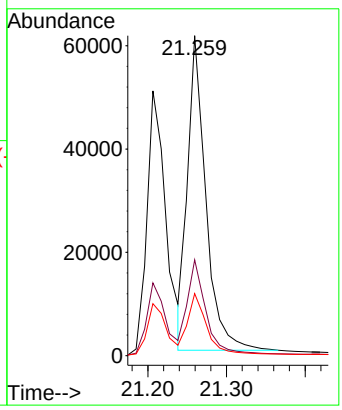


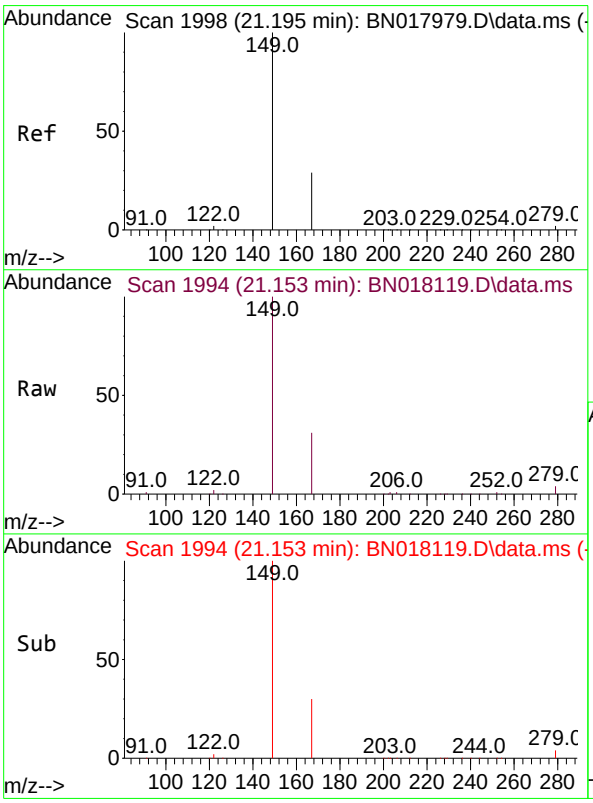
#33
Chrysene
Concen: 0.376 ng
RT: 21.259 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 98737

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.4	15.5	23.3

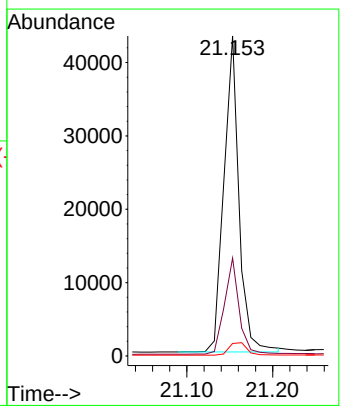


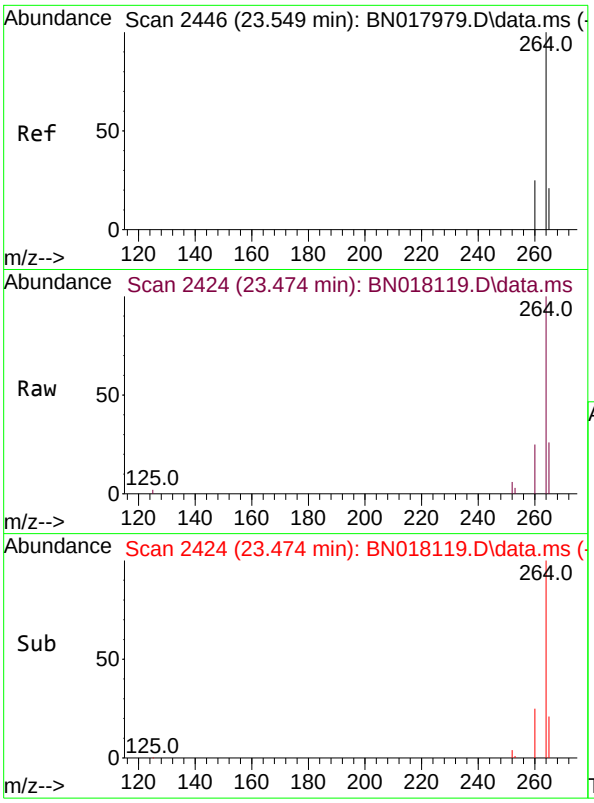


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.434 ng
RT: 21.153 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:149 Resp: 52433

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	4.8	3.6	5.4



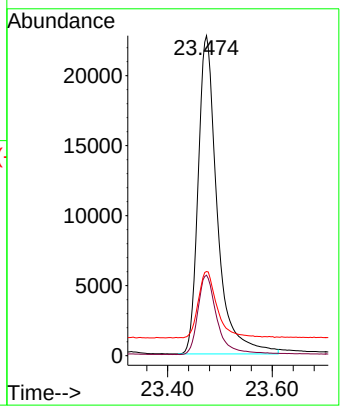


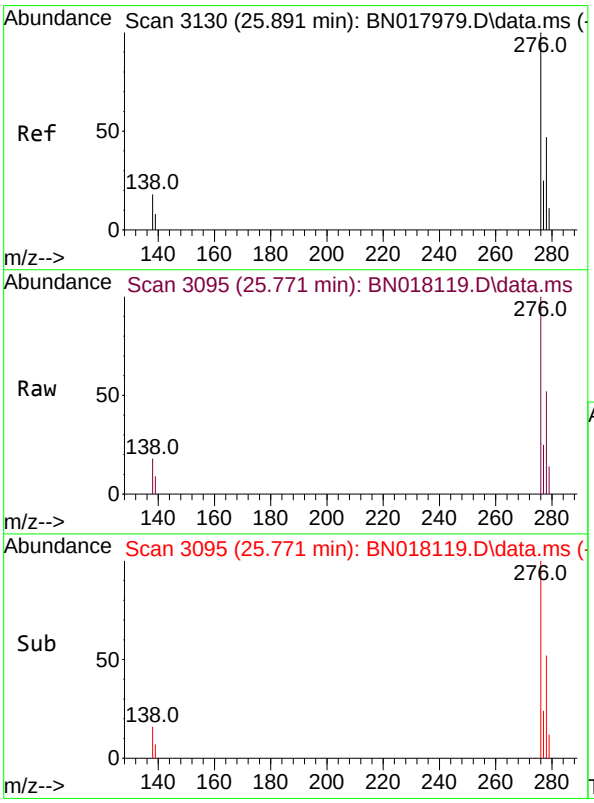
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.474 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 57670

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	26.3	18.2	27.2

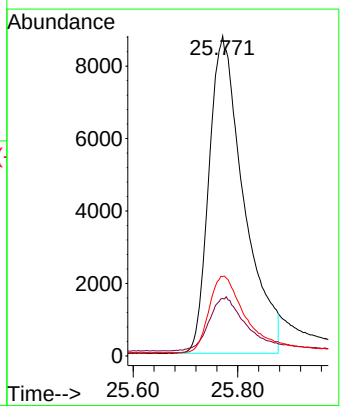


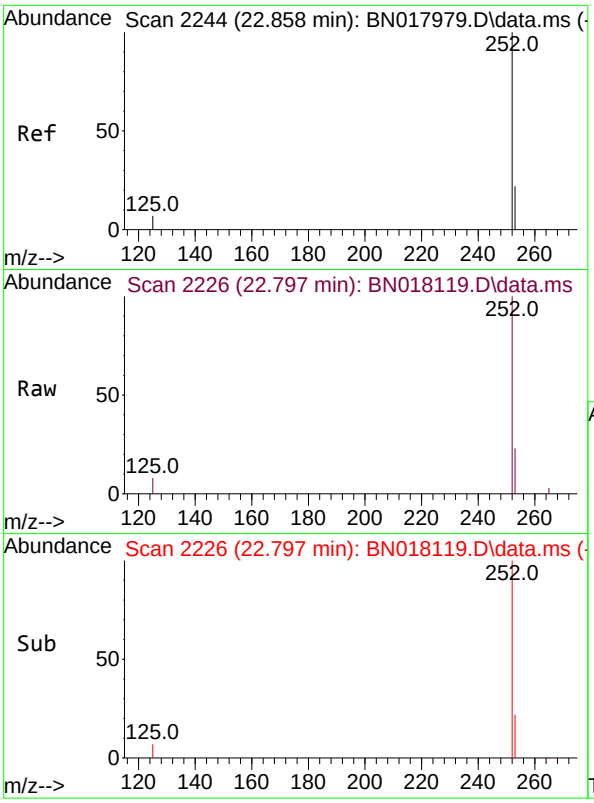


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.209 ng
RT: 25.771 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:276 Resp: 40415

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.9	22.3
277	24.9	19.9	29.9



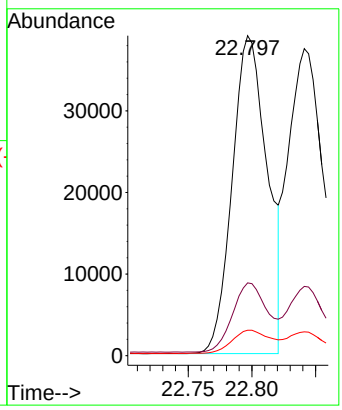


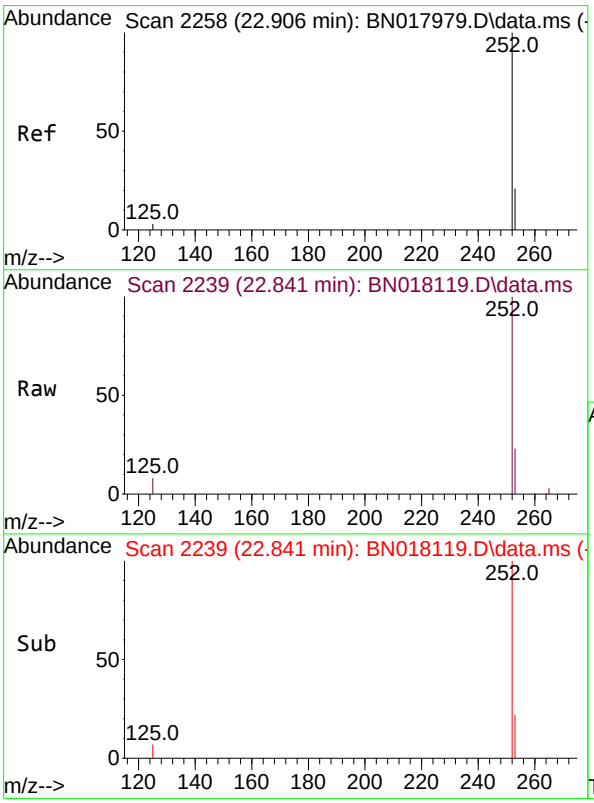
#37
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 22.797 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 74565

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	7.9	6.0	9.0

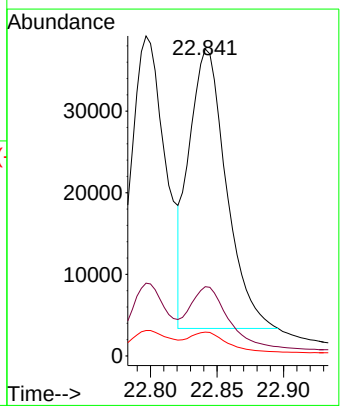


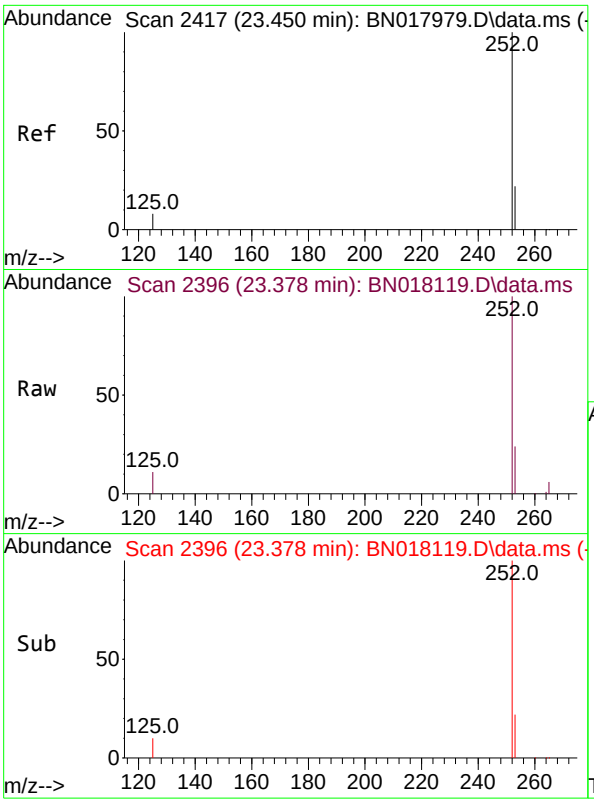


#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.841 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:252 Resp: 66725

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	7.8	6.2	9.2



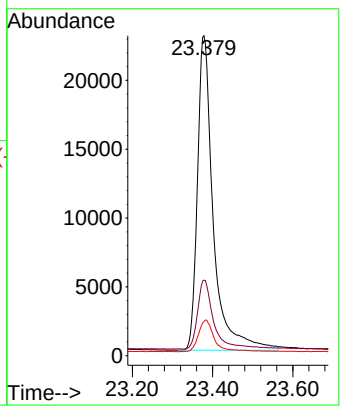


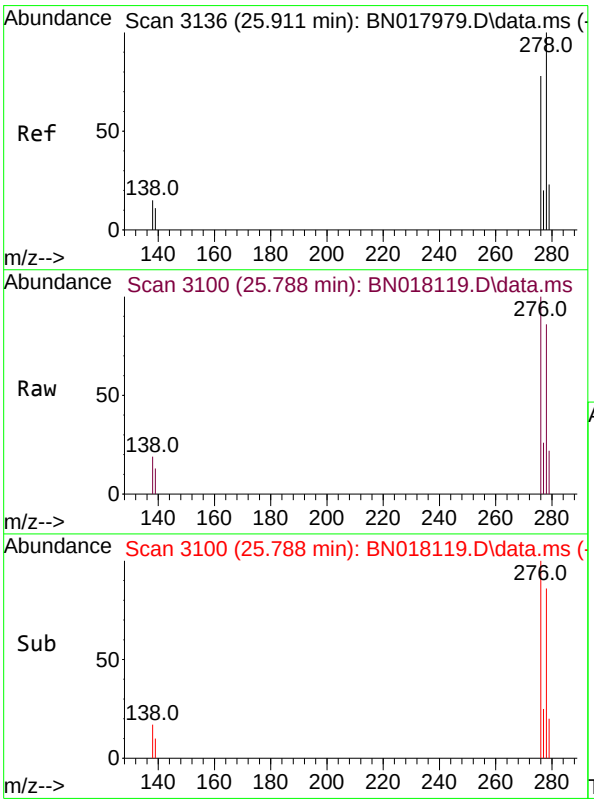
#39
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.378 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 62764

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	10.7	7.0	10.4#

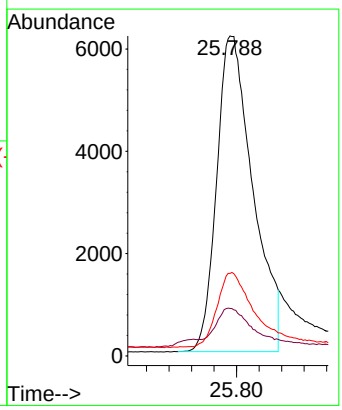


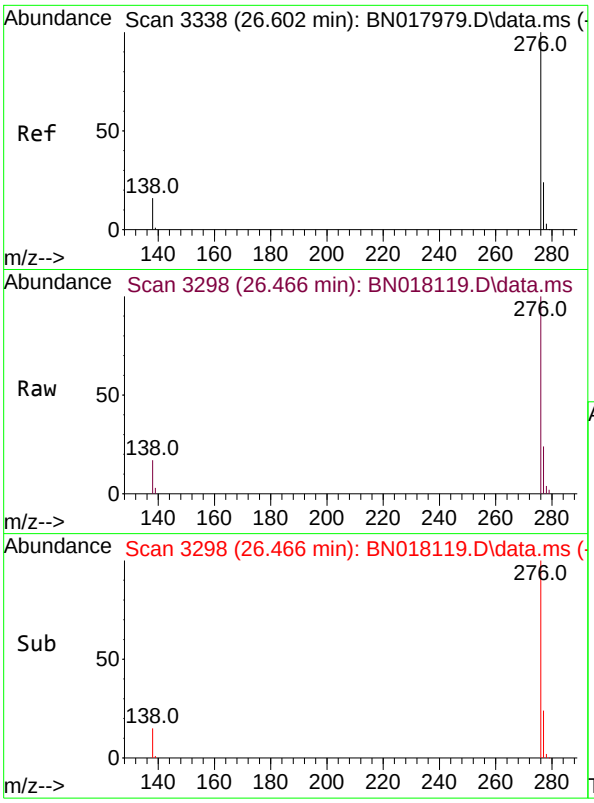


#40
Dibenzo(a,h)anthracene
Concen: 0.183 ng
RT: 25.788 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Tgt Ion:278 Resp: 27530

Ion	Ratio	Lower	Upper
278	100		
139	14.8	10.8	16.2
279	25.8	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.233 ng
RT: 26.466 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018119.D
Acq: 20 Dec 2021 12:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 42163

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	16.7	12.6	19.0