Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018264.D
Acq On : 29 Dec 2021 17:01
Operator : CG/JU
Sample : PB141483BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Quant Time: Dec 30 02:23:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	27024	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	110849	0.400	ng		0.00
13) Acenaphthene-d10	14.256	164	61513	0.400	ng		-0.01
19) Phenanthrene-d10	17.005	188	105059	0.400	ng	#	0.00
29) Chrysene-d12	21.195	240	74785	0.400	ng		0.00
35) Perylene-d12	23.426	264	49606	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	21962	0.406	ng		0.03
5) Phenol-d6	6.840	99	19682	0.376	ng		0.00
8) Nitrobenzene-d5	8.784	82	27445	0.471	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	75263	0.404	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	4910	0.454	ng		-0.01
15) 2-Fluorobiphenyl	12.886	172	103854	0.446	ng		-0.01
27) Fluoranthene-d10	19.038	212	115877	0.347	ng		0.00
31) Terphenyl-d14	19.649	244	88218	0.464	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.530	42	12441	0.560	ng		98
6) bis(2-Chloroethyl)ether	7.080	93	33424	0.520	ng		100
9) Naphthalene	10.457	128	129112	0.471	ng		99
10) Hexachlorobutadiene	10.761	225	35087	0.460	ng	#	100
12) 2-Methylnaphthalene	12.083	142	85485	0.487	ng		100
16) Acenaphthylene	13.977	152	100291	0.464	ng		100
17) Acenaphthene	14.319	154	74652	0.470	ng		99
18) Fluorene	15.309	166	86197	0.461	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	569	0.457	ng	#	79
21) 4-Bromophenyl-phenylether	16.202	248	30761	0.482	ng		98
22) Hexachlorobenzene	16.324	284	40541	0.499	ng		99
23) Atrazine	16.482	200	16817	0.452	ng		96
24) Pentachlorophenol	16.665	266	5583	0.690	ng		100
25) Phenanthrene	17.042	178	130067	0.470	ng		100
26) Anthracene	17.139	178	103583	0.447	ng		100
28) Fluoranthene	19.068	202	147177	0.454	ng		100
30) Pyrene	19.430	202	143465	0.489	ng		100
32) Benzo(a)anthracene	21.174	228	88893	0.424	ng		98
33) Chrysene	21.227	228	114201	0.474	ng		100
34) Bis(2-ethylhexyl)phtha...	21.121	149	38591	0.413	ng		99
36) Indeno(1,2,3-cd)pyrene	25.692	276	49884	0.421	ng		99
37) Benzo(b)fluoranthene	22.752	252	80834	0.513	ng		100
38) Benzo(k)fluoranthene	22.796	252	74160	0.497	ng		99
39) Benzo(a)pyrene	23.327	252	63106	0.460	ng		98
40) Dibenzo(a,h)anthracene	25.709	278	33797	0.400	ng		98
41) Benzo(g,h,i)perylene	26.373	276	56171	0.475	ng		99

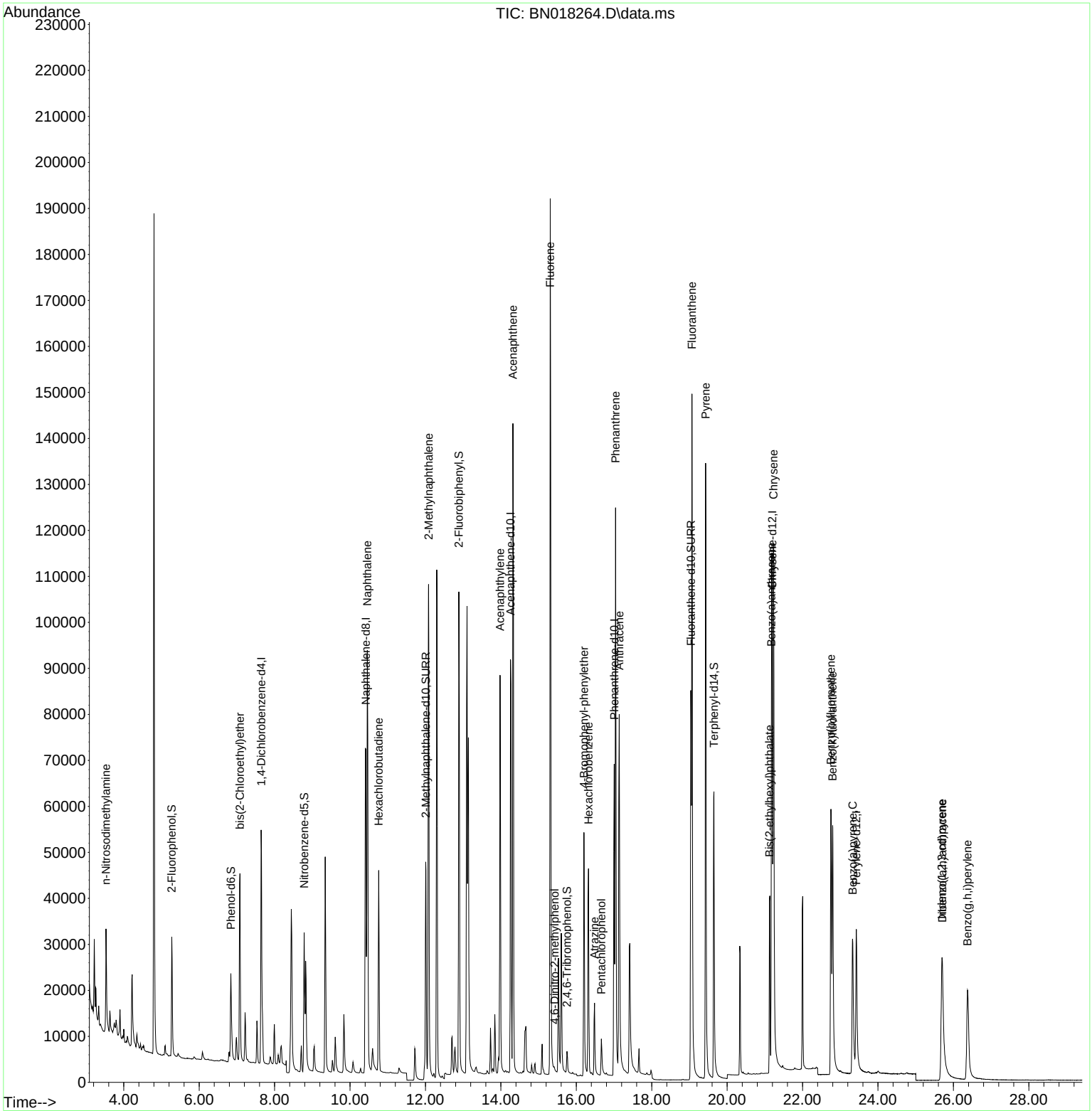
(#) = qualifier out of range (m) = manual integration (+) = signals summed

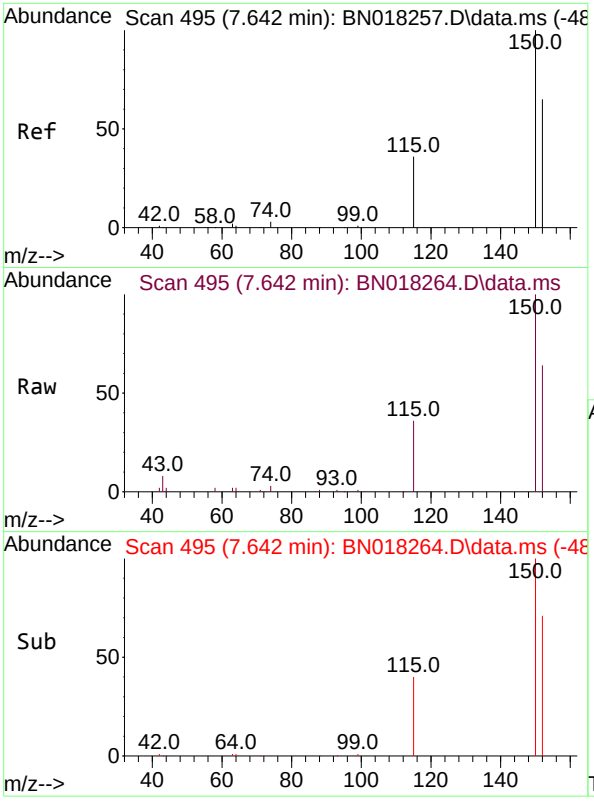
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018264.D
Acq On : 29 Dec 2021 17:01
Operator : CG/JU
Sample : PB141483BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Quant Time: Dec 30 02:23:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



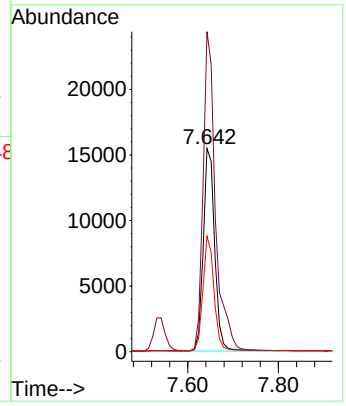


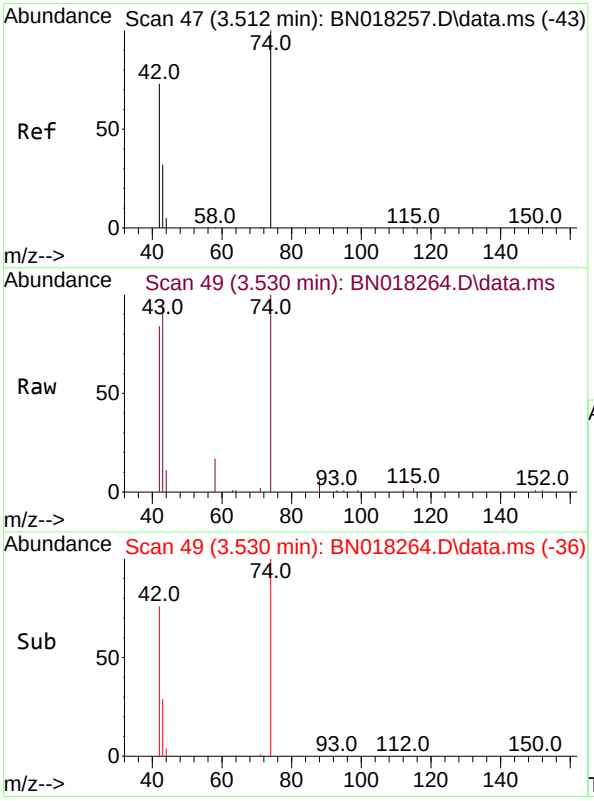
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:152 Resp: 27024

Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.7	182.5
115	56.9	43.8	65.8

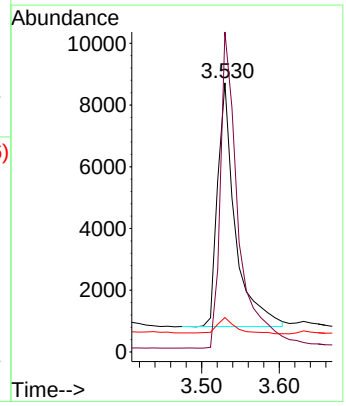


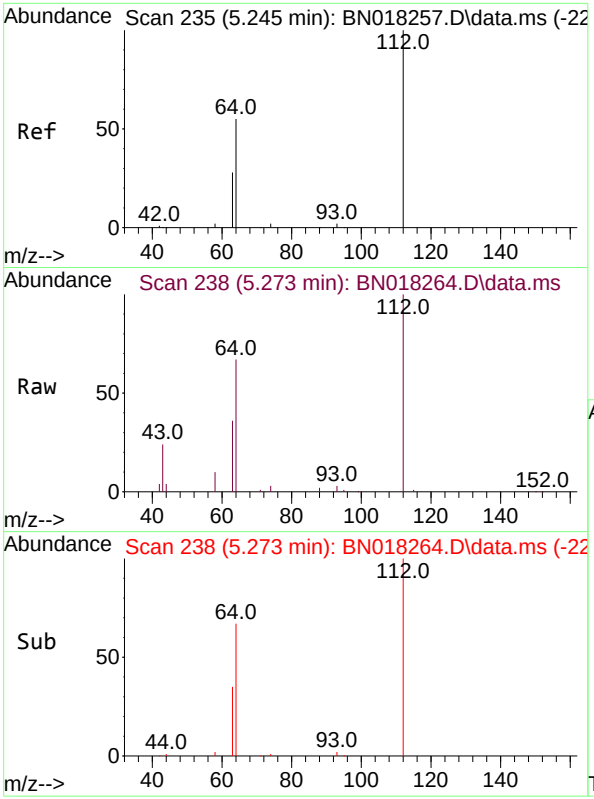


#3
n-Nitrosodimethylamine
Concen: 0.560 ng
RT: 3.530 min Scan# 49
Delta R.T. 0.018 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion: 42 Resp: 12441

Ion	Ratio	Lower	Upper
42	100		
74	132.7	108.6	163.0
44	7.0	5.8	8.8



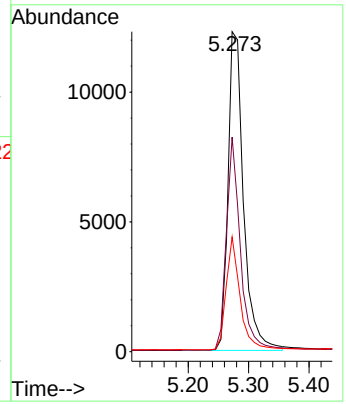


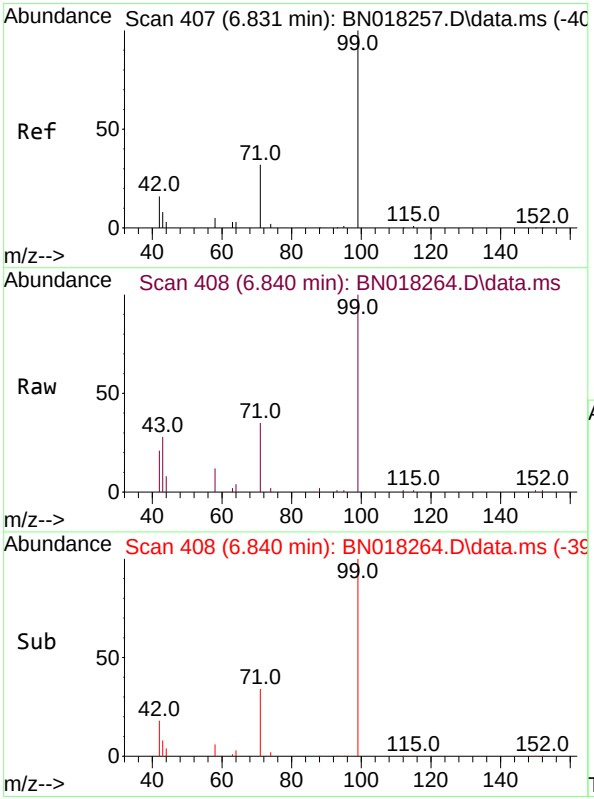
#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.273 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:112 Resp: 21962

Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.0	72.0
63	31.7	25.3	37.9

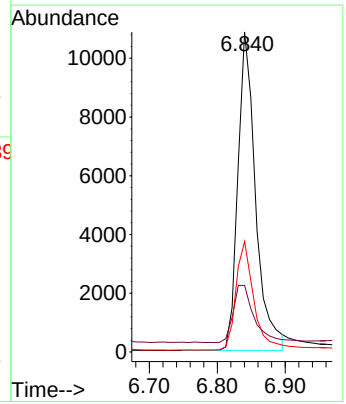


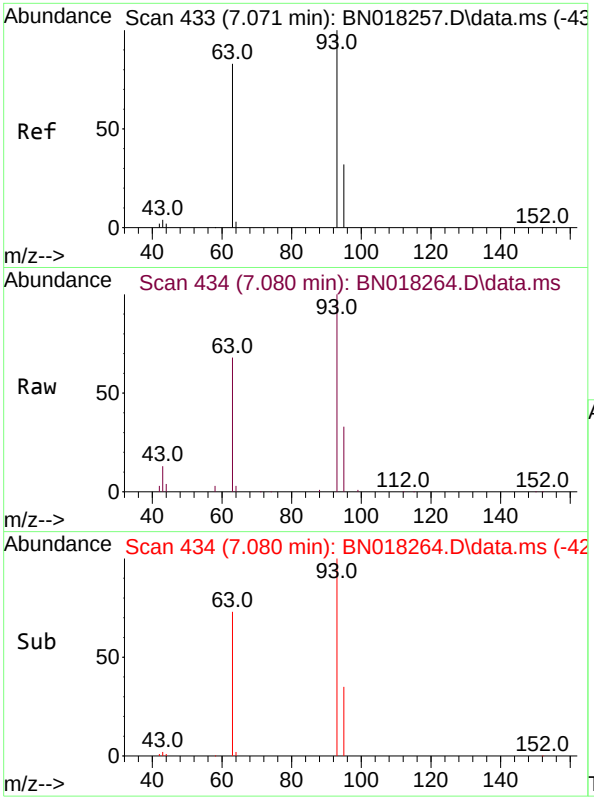


#5
Phenol-d6
Concen: 0.376 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion: 99 Resp: 19682

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.3	24.5
71	34.4	26.8	40.2



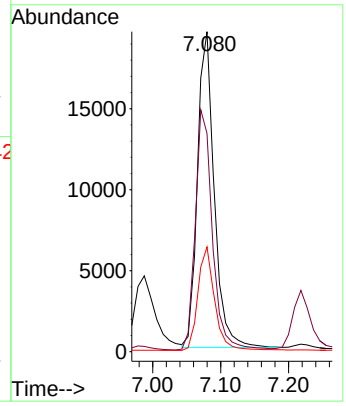


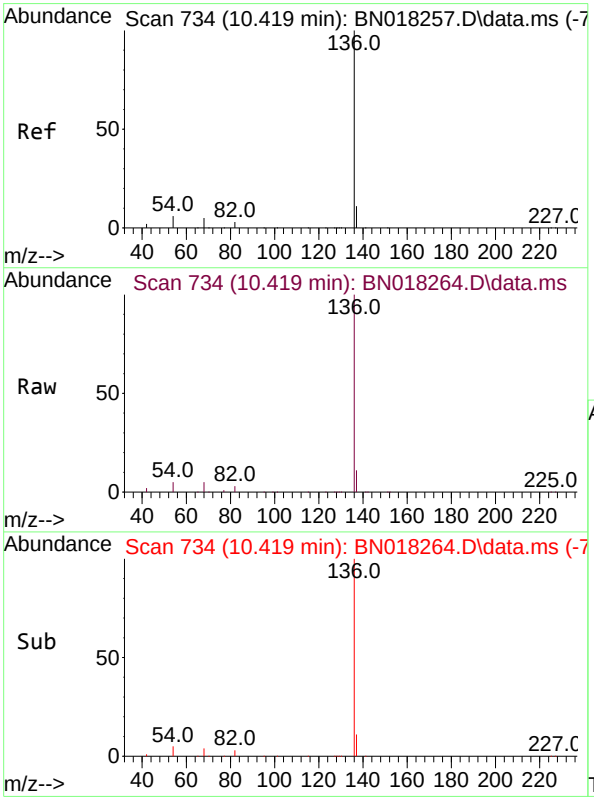
#6
bis(2-Chloroethyl)ether
Concen: 0.520 ng
RT: 7.080 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion: 93 Resp: 33424

Ion	Ratio	Lower	Upper
93	100		
63	77.5	61.7	92.5
95	32.8	26.2	39.4

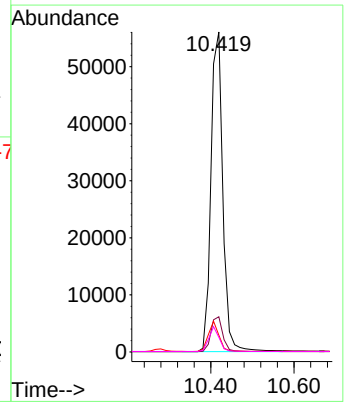


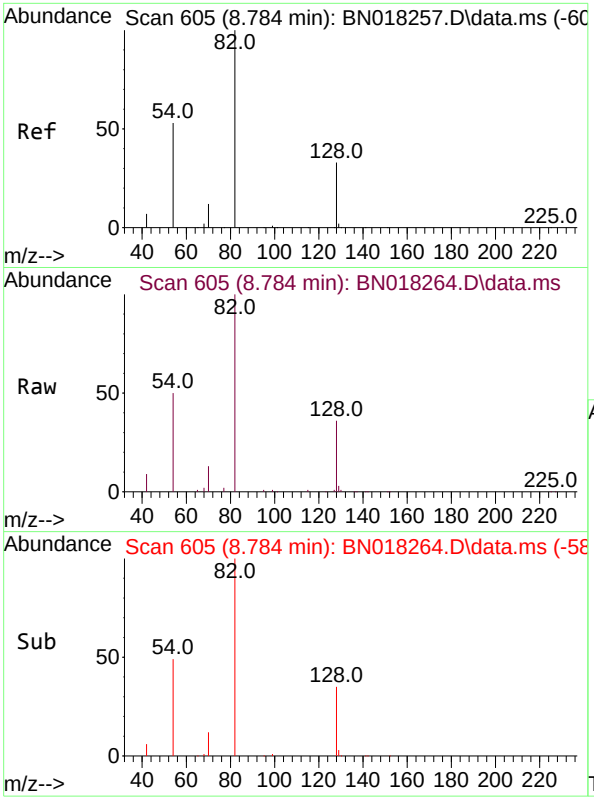


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:136 Resp: 110849

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.2	5.0	7.6
68	4.6	4.4	6.6



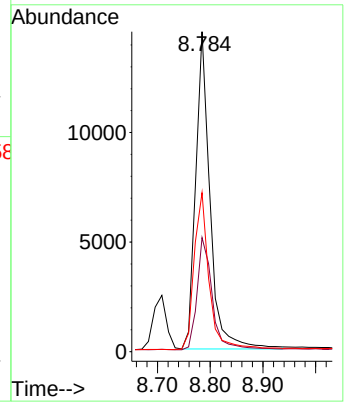


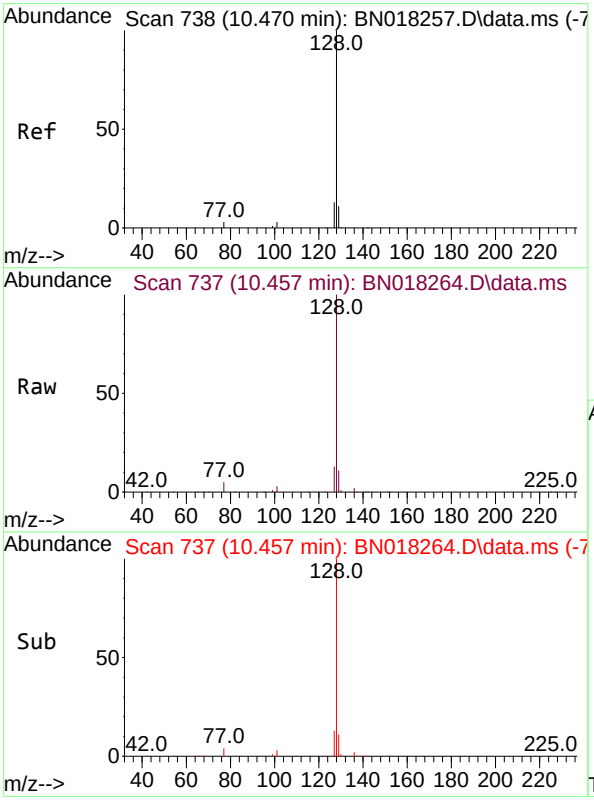
#8
Nitrobenzene-d5
Concen: 0.471 ng
RT: 8.784 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion: 82 Resp: 27445

Ion	Ratio	Lower	Upper
82	100		
128	35.6	33.7	50.5
54	49.7	36.6	55.0

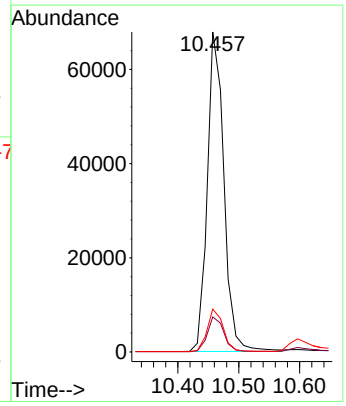


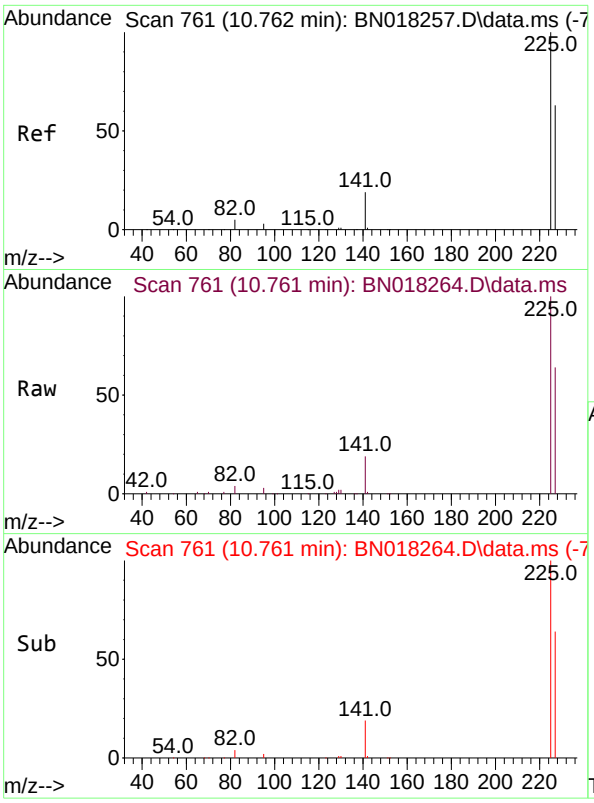


#9
Naphthalene
Concen: 0.471 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.013 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:128 Resp: 129112

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.4	15.6



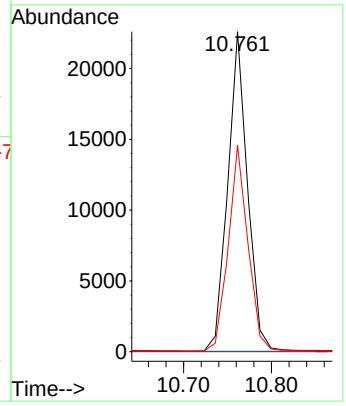


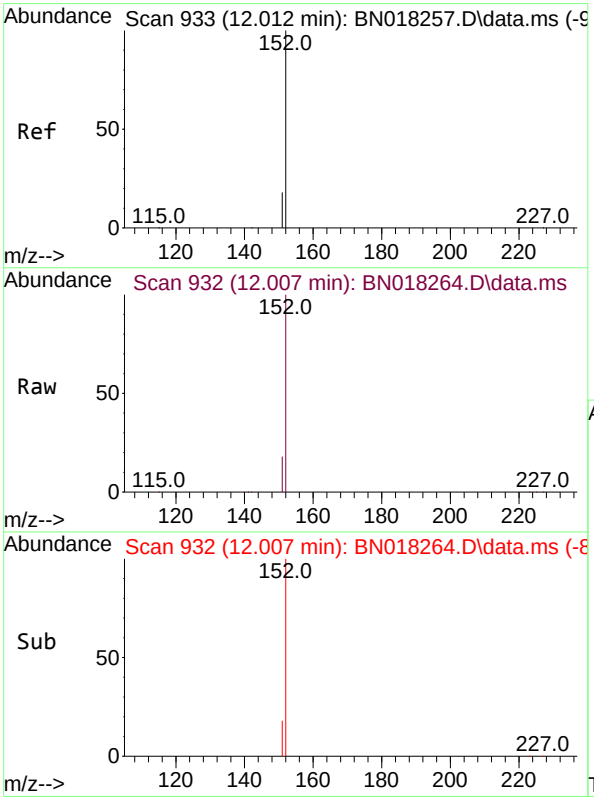
#10
Hexachlorobutadiene
Concen: 0.460 ng
RT: 10.761 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:225 Resp: 35087

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

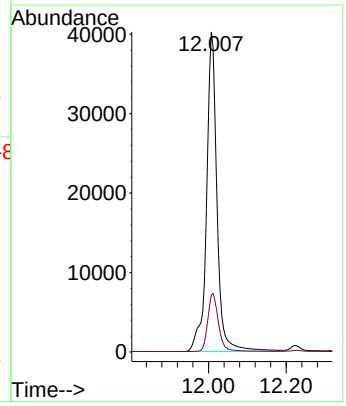


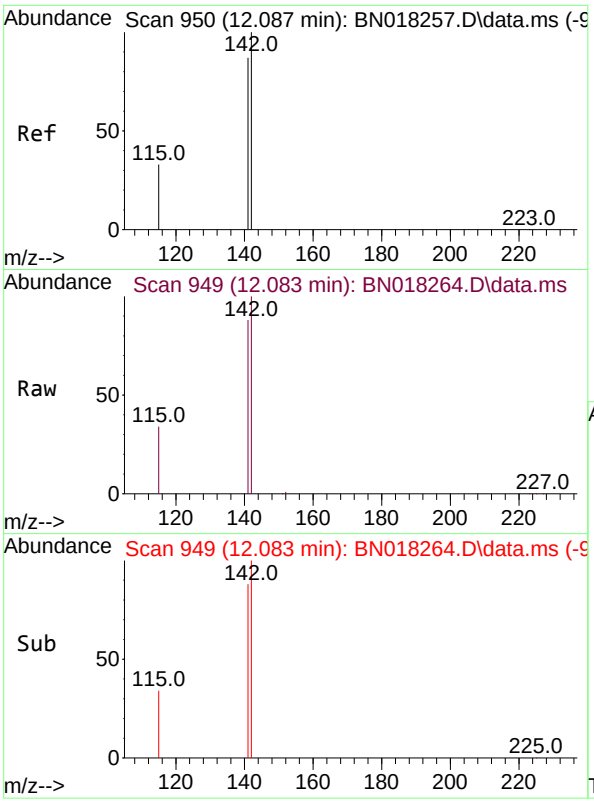


#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.005 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:152 Resp: 75263

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.2	24.2



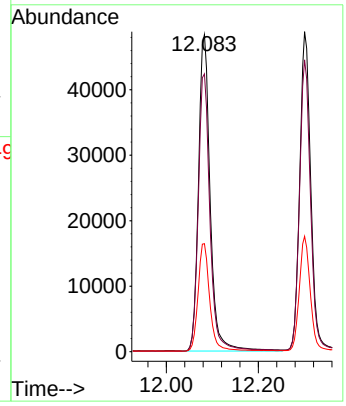


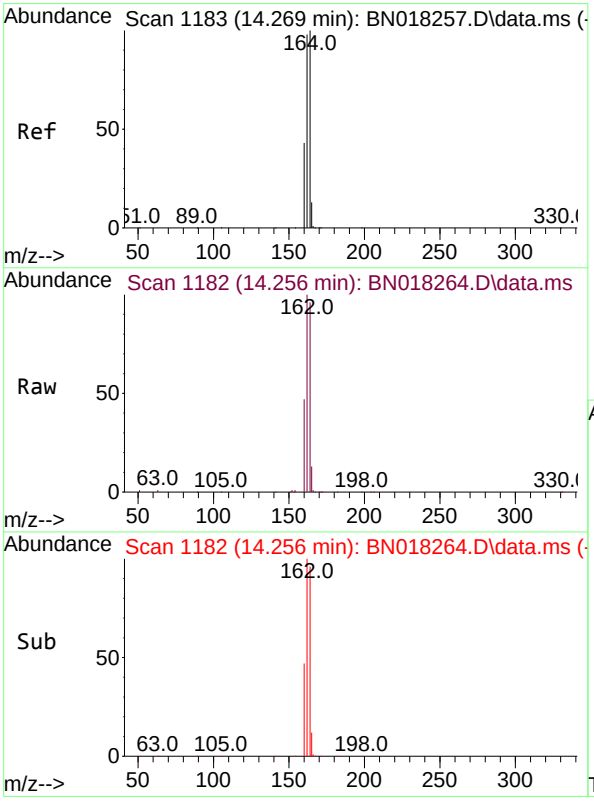
#12
2-Methylnaphthalene
Concen: 0.487 ng
RT: 12.083 min Scan# 94
Delta R.T. -0.005 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:142 Resp: 85485

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.0	105.0
115	34.1	27.8	41.8

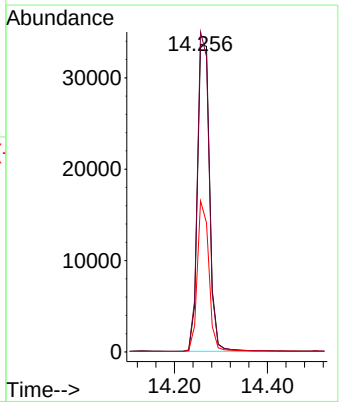


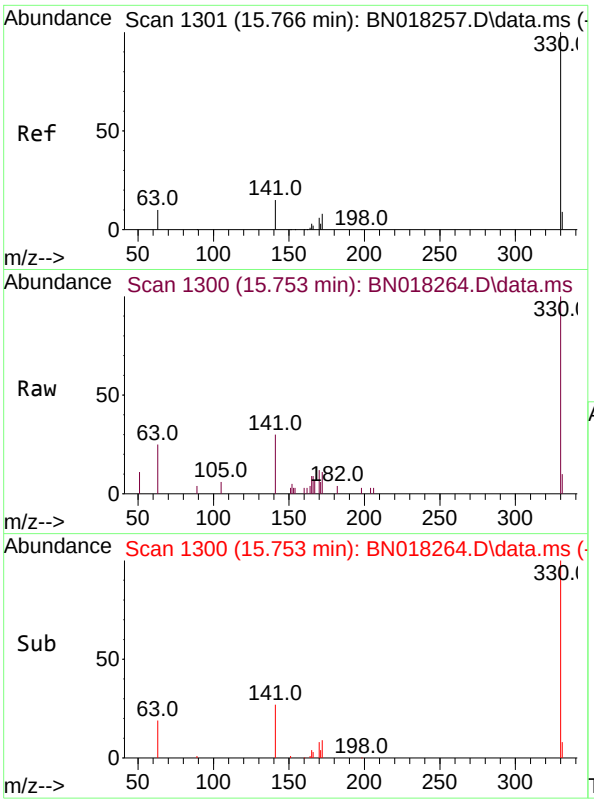


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.013 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:164 Resp: 61513

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.2	120.2
160	49.1	36.9	55.3



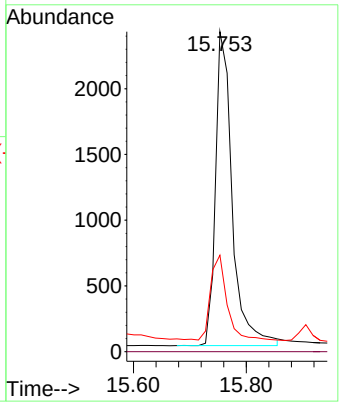


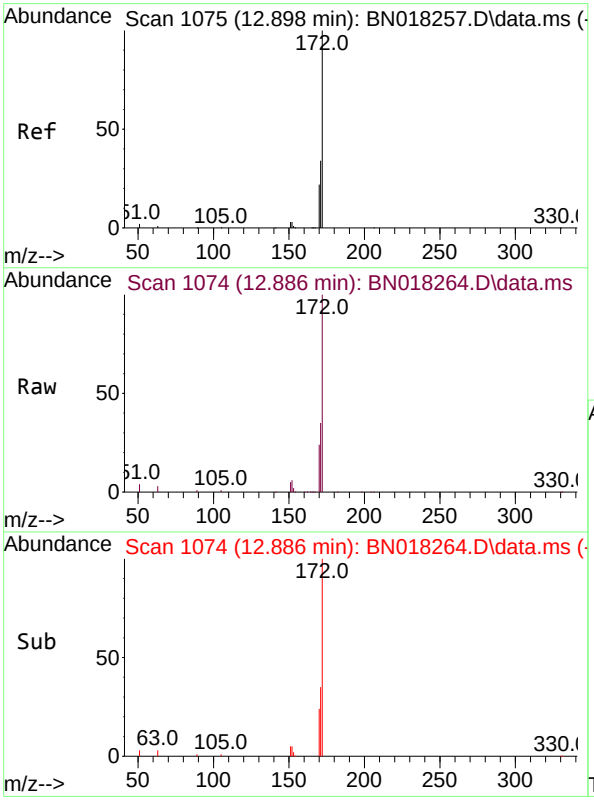
#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.753 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:330 Resp: 4910

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.2	21.3	31.9

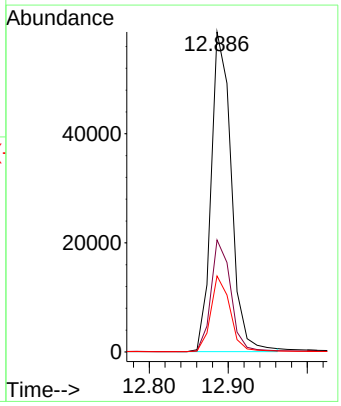


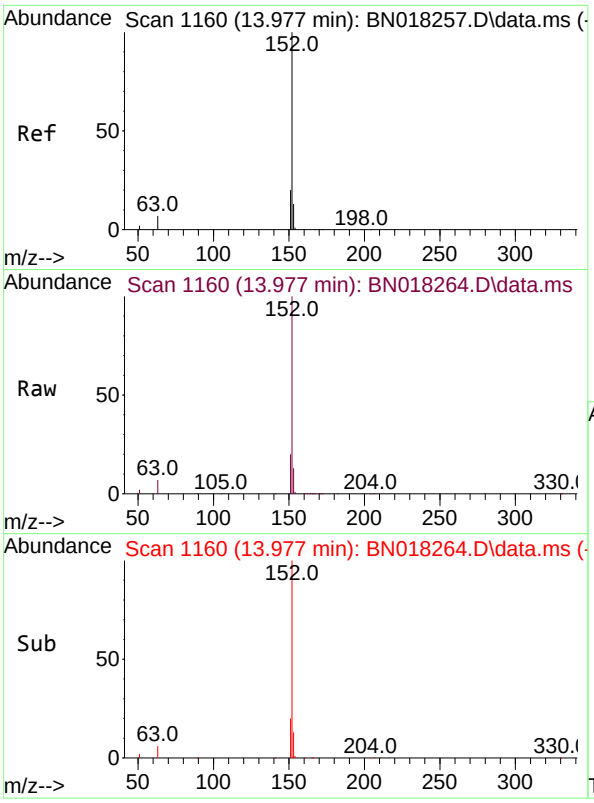


#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:172 Resp: 103854

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	23.7	18.4	27.6



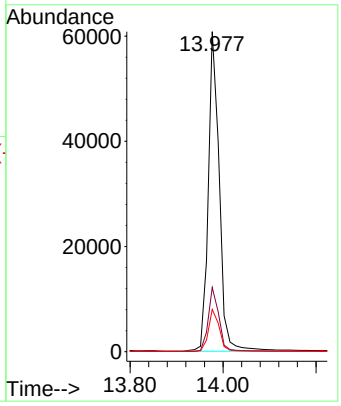


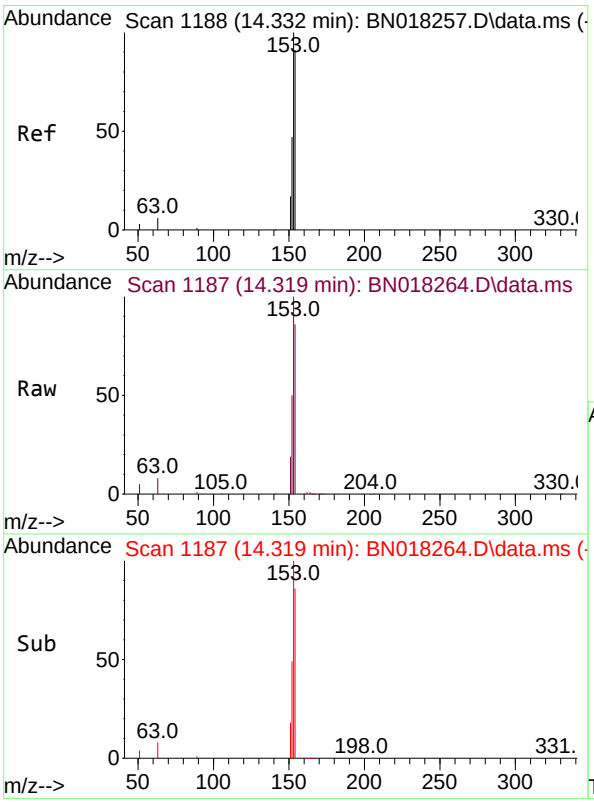
#16
Acenaphthylene
Concen: 0.464 ng
RT: 13.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:152 Resp: 100291

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.2	10.5	15.7

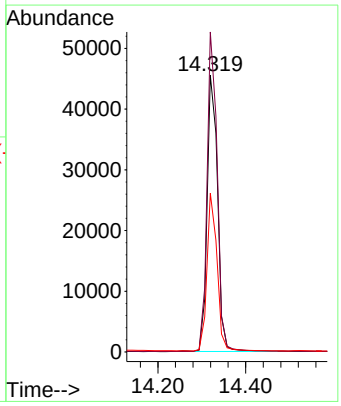


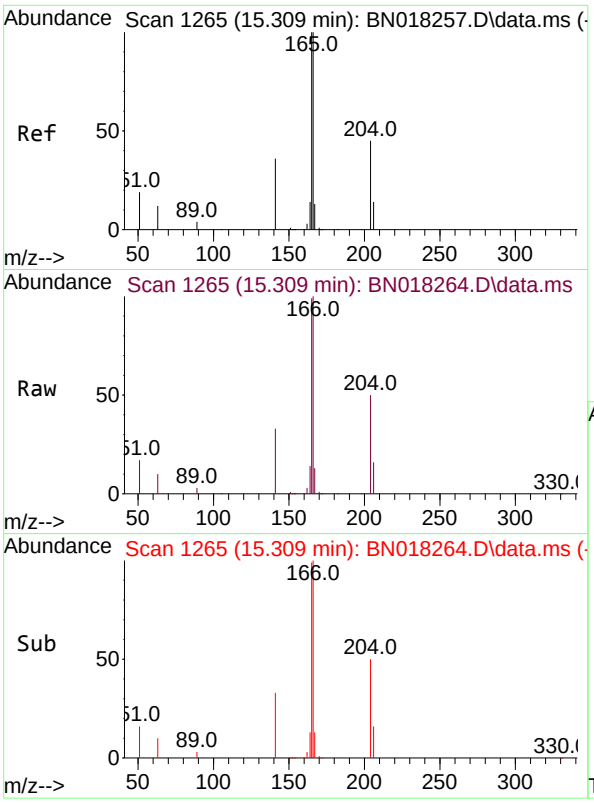


#17
Acenaphthene
Concen: 0.470 ng
RT: 14.319 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:154 Resp: 74652

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.9	136.3
152	55.1	45.0	67.4



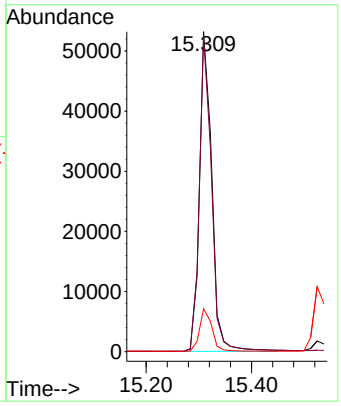


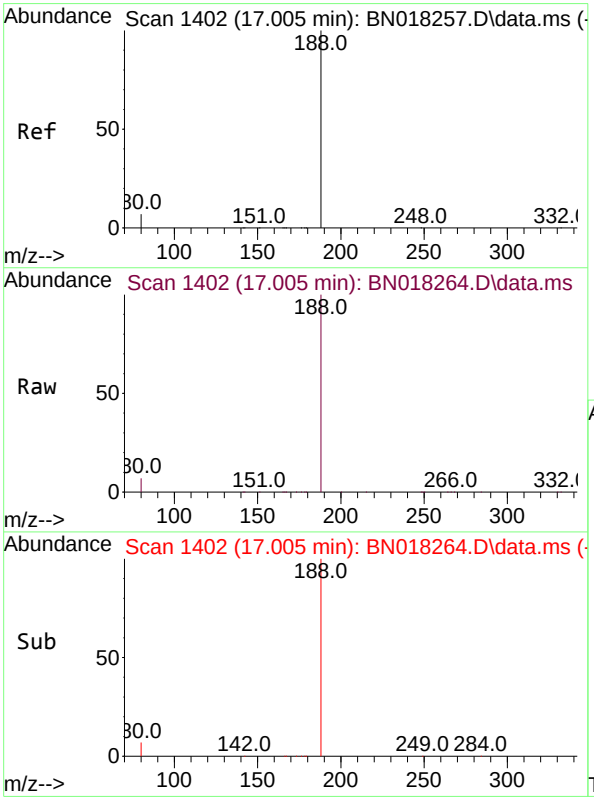
#18
Fluorene
Concen: 0.461 ng
RT: 15.309 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:166 Resp: 86197

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.5	10.9	16.3

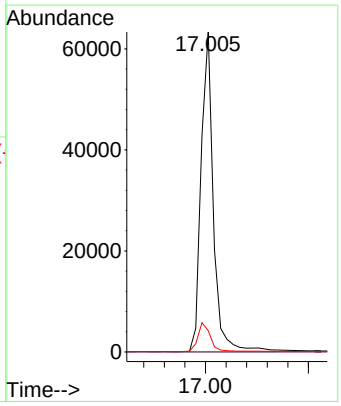


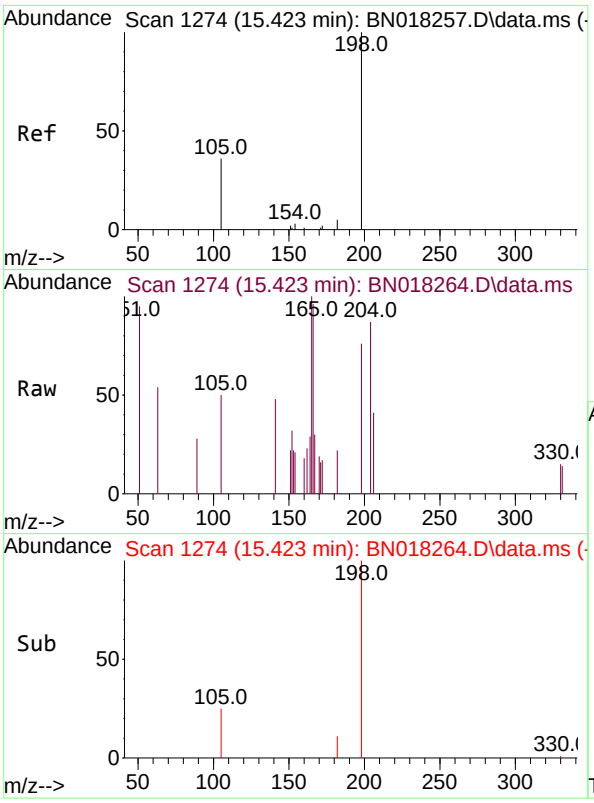


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:188 Resp: 105059

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.0	10.4#



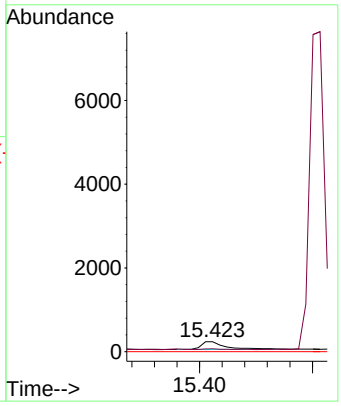


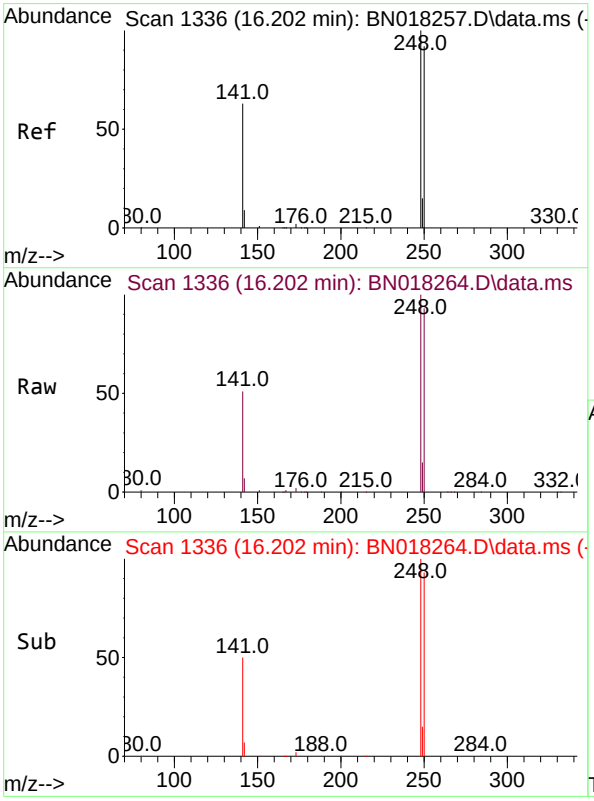
#20
4,6-Dinitro-2-methylphenol
Concen: 0.457 ng
RT: 15.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:198 Resp: 569

Ion	Ratio	Lower	Upper
198	100		
182	29.0	15.5	23.3#
77	0.0	0.0	0.0

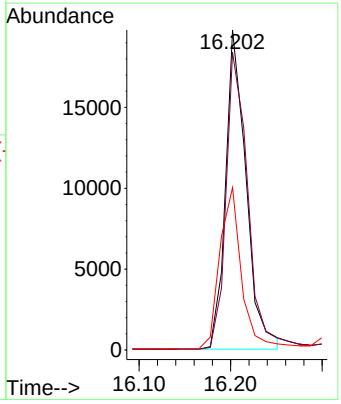


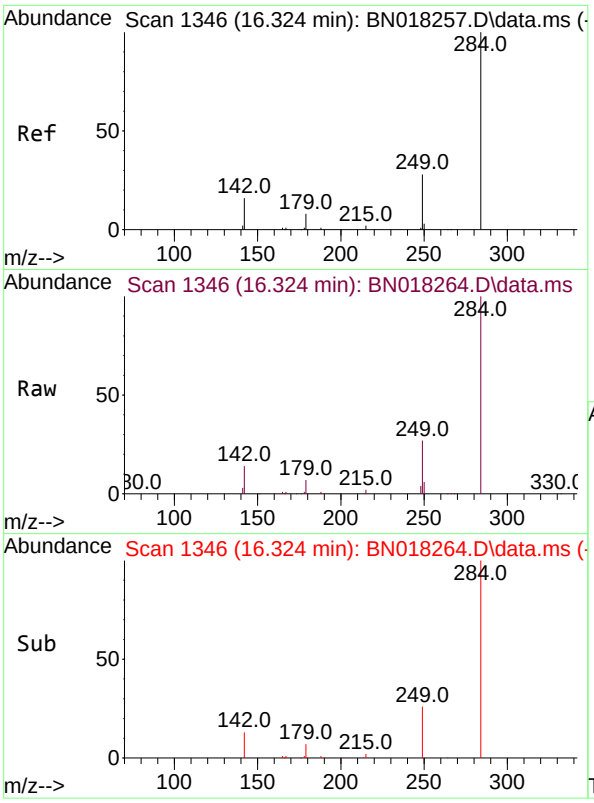


#21
4-Bromophenyl-phenylether
Concen: 0.482 ng
RT: 16.202 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:248 Resp: 30761

Ion	Ratio	Lower	Upper
248	100		
250	93.0	74.4	111.6
141	50.7	43.7	65.5



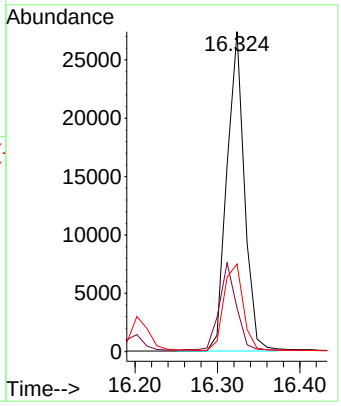


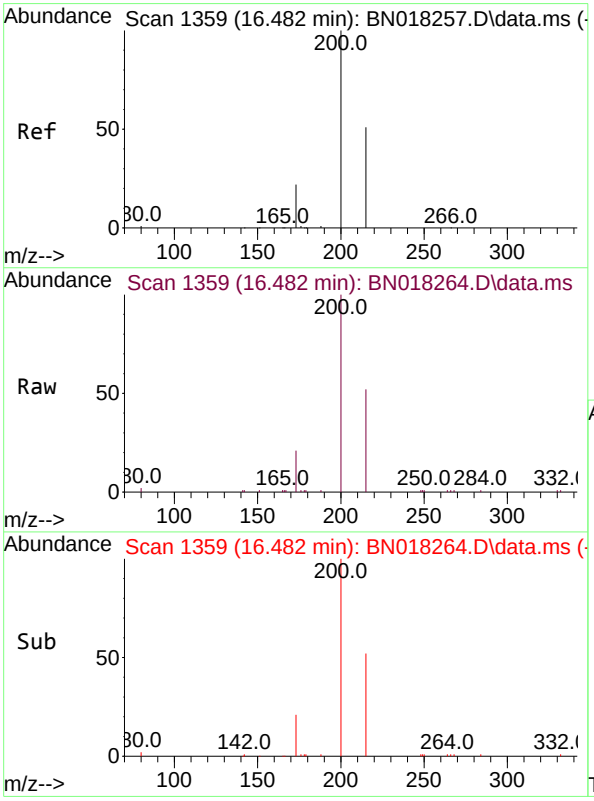
#22
Hexachlorobenzene
Concen: 0.499 ng
RT: 16.324 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:284 Resp: 40541

Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.6	32.4
249	29.9	23.5	35.3

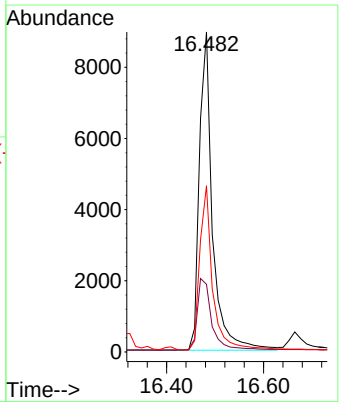


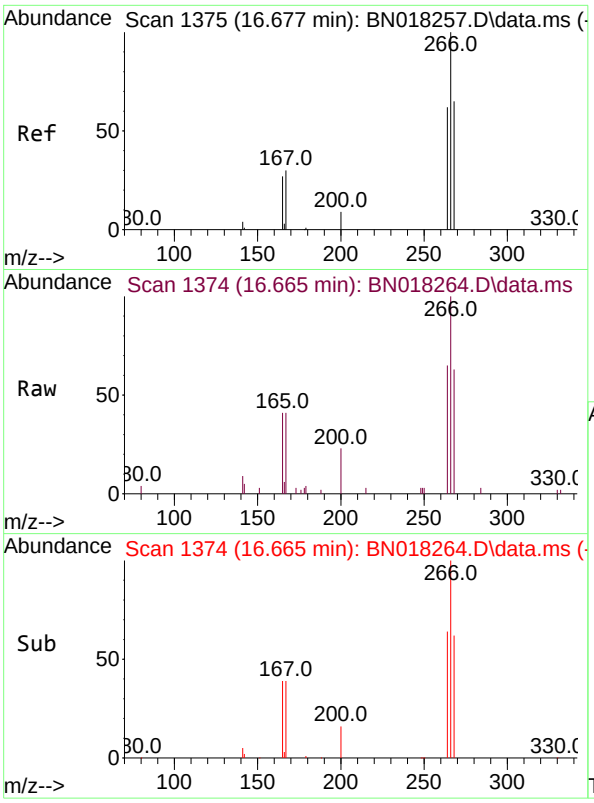


#23
Atrazine
Concen: 0.452 ng
RT: 16.482 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:200 Resp: 16817

Ion	Ratio	Lower	Upper
200	100		
173	21.1	20.3	30.5
215	51.9	40.4	60.6





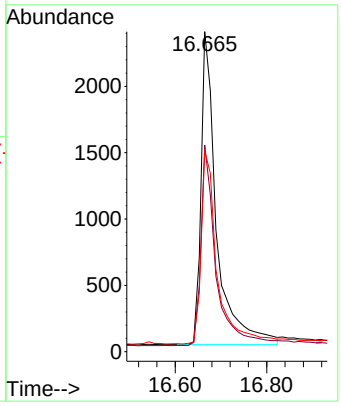
#24
Pentachlorophenol
Concen: 0.690 ng
RT: 16.665 min Scan# 1

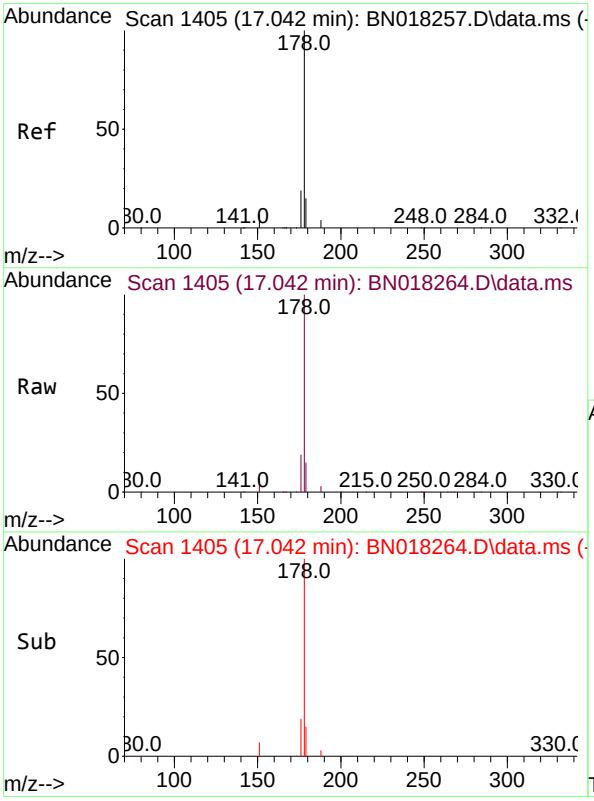
Instrument :
BNA_N
ClientSampleId :
PB141692BS

Delta R.T. -0.012 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:266 Resp: 5583

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.5	74.3
268	63.9	50.6	76.0

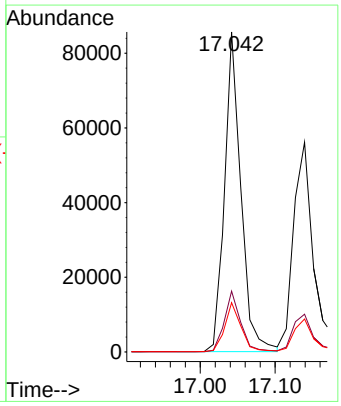


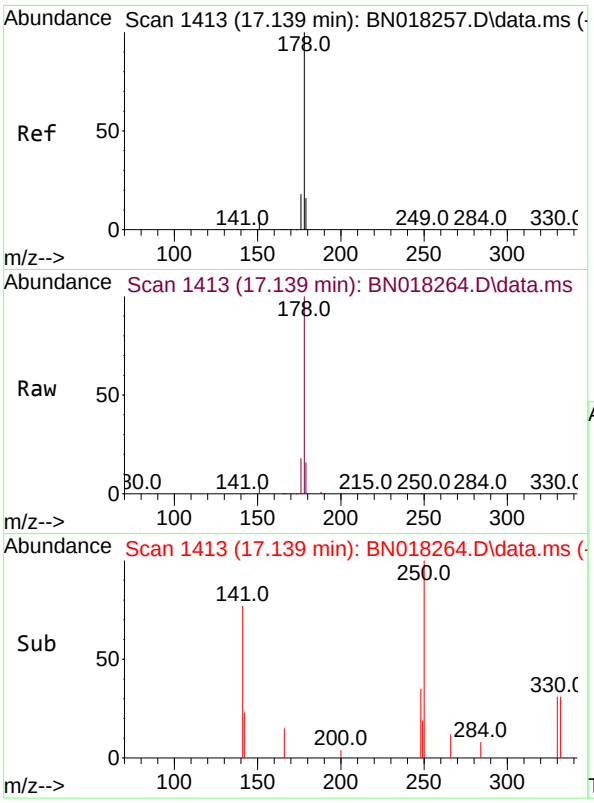


#25
Phenanthrene
Concen: 0.470 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:178 Resp: 130067

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.3	18.5



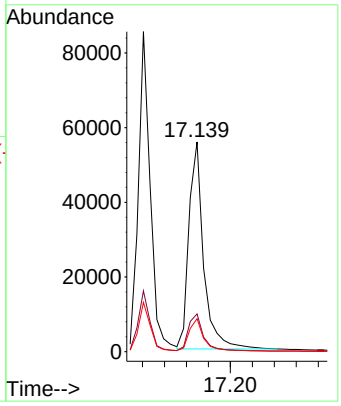


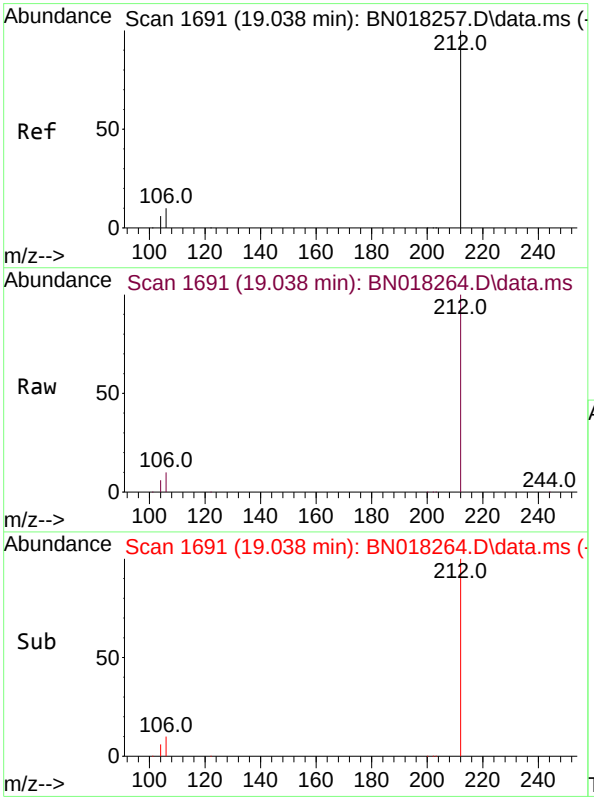
#26
Anthracene
Concen: 0.447 ng
RT: 17.139 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:178 Resp: 103583

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.2	18.4

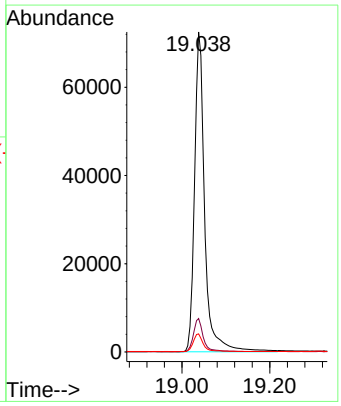


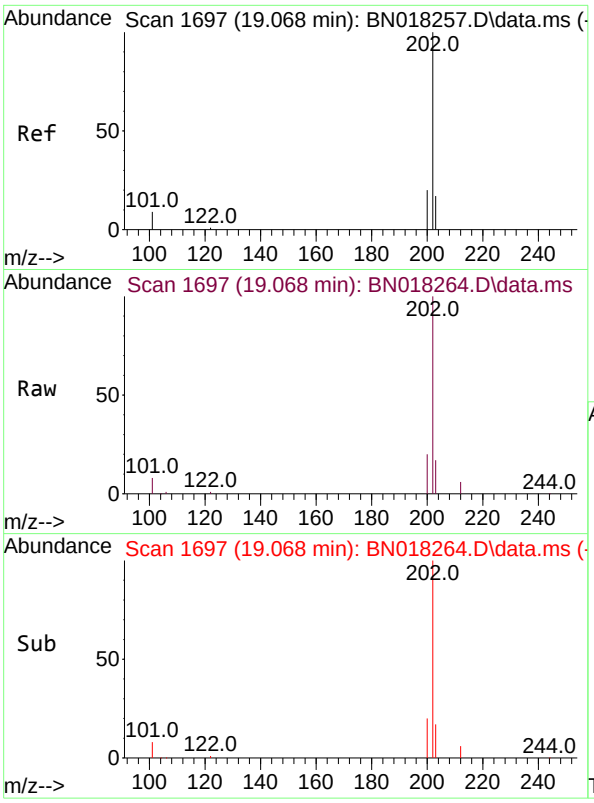


#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:212 Resp: 115877

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.6	4.5	6.7



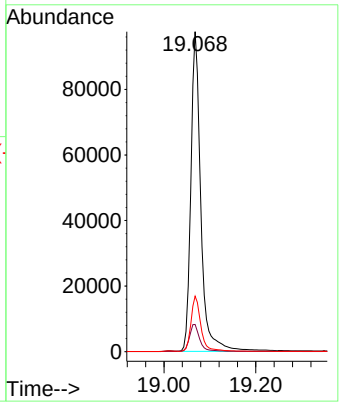


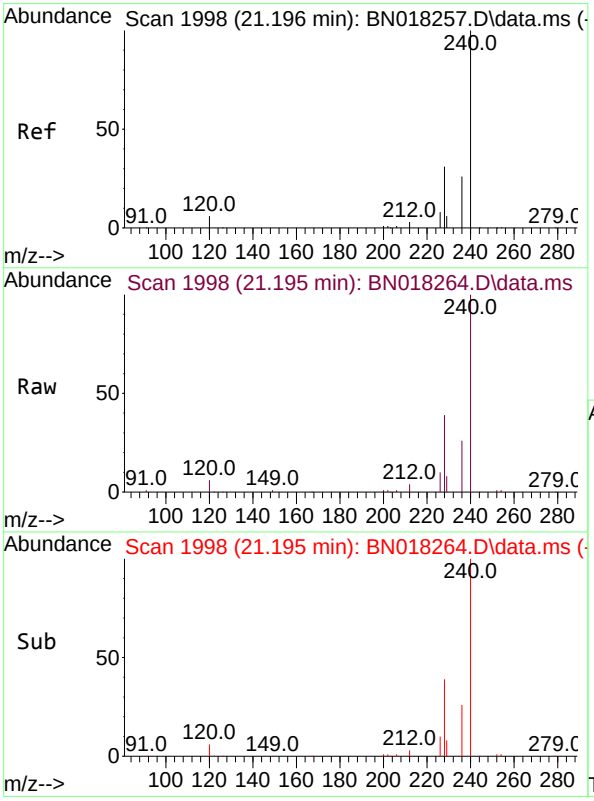
#28
Fluoranthene
Concen: 0.454 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:202 Resp: 147177

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	17.0	13.7	20.5

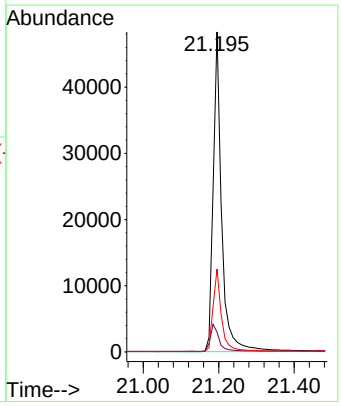


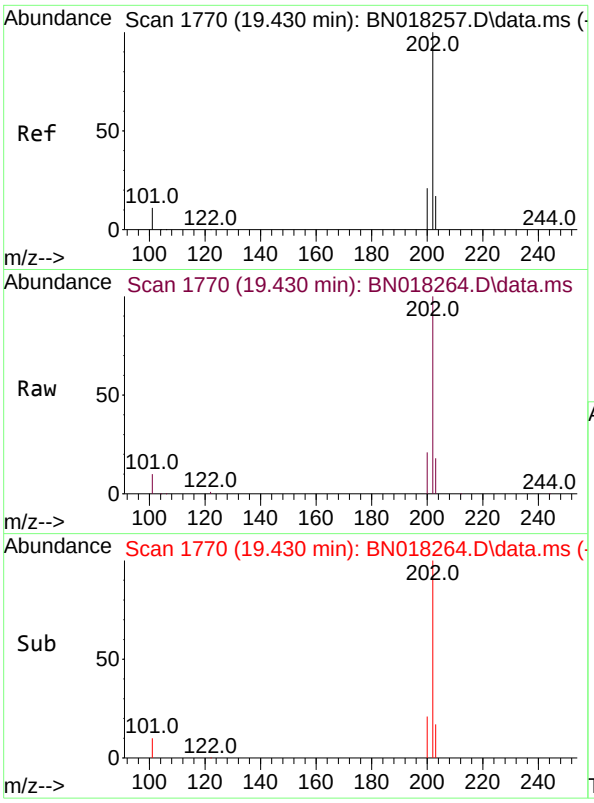


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:240 Resp: 74785

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.0	9.0
236	25.9	21.4	32.2



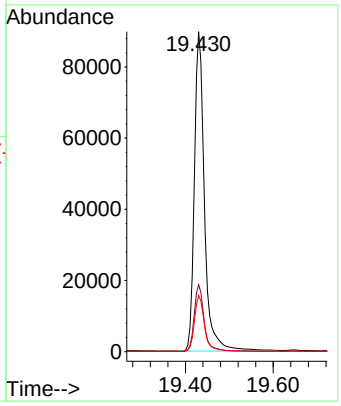


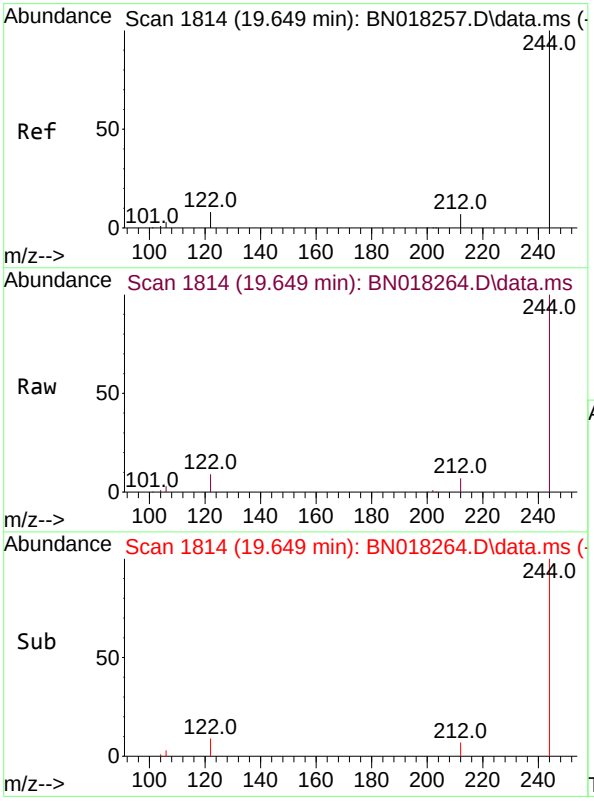
#30
Pyrene
Concen: 0.489 ng
RT: 19.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:202 Resp: 143465

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.1	21.1

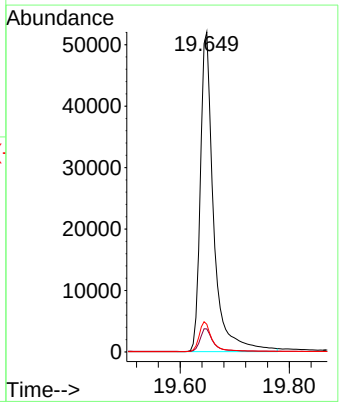


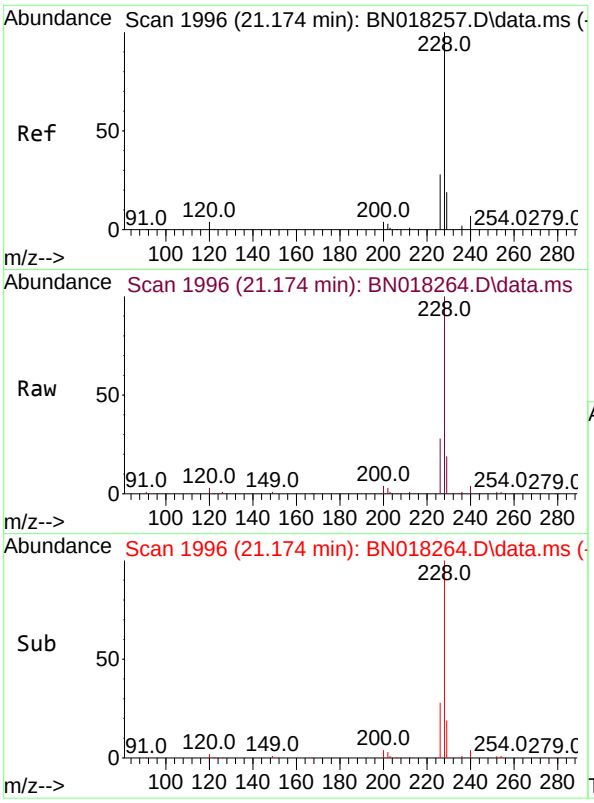


#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.649 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:244 Resp: 88218

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.6	7.9	11.9



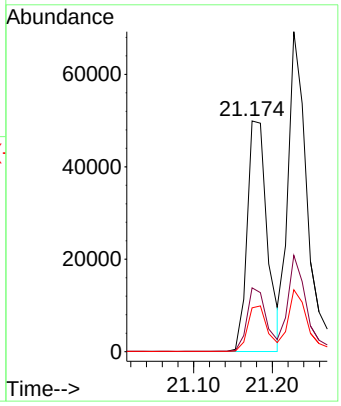


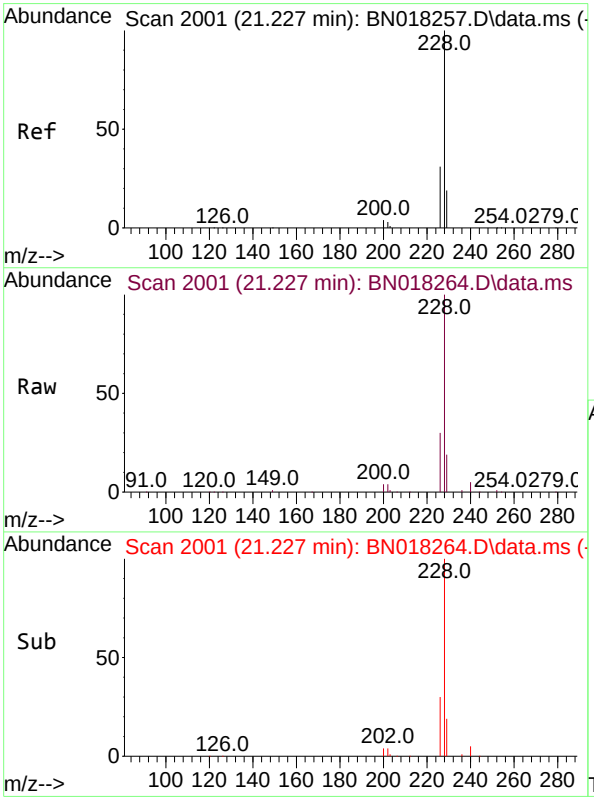
#32
Benzo(a)anthracene
Concen: 0.424 ng
RT: 21.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:228 Resp: 88893

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	19.0	15.9	23.9

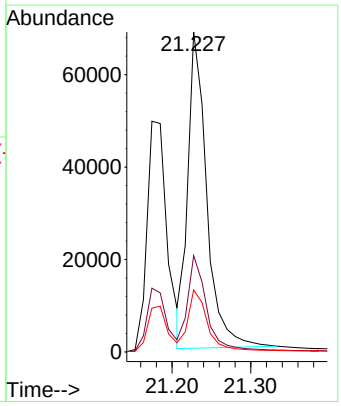


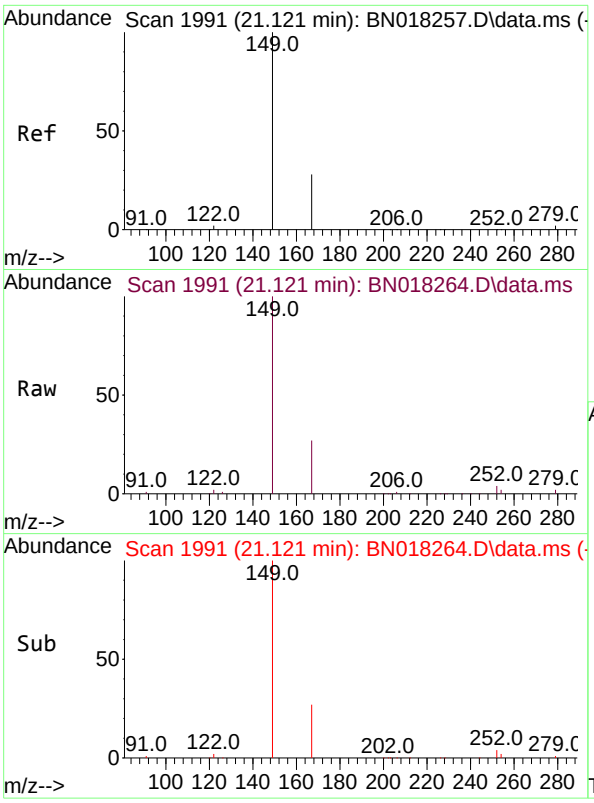


#33
Chrysene
Concen: 0.474 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:228 Resp: 114201

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.3	15.5	23.3



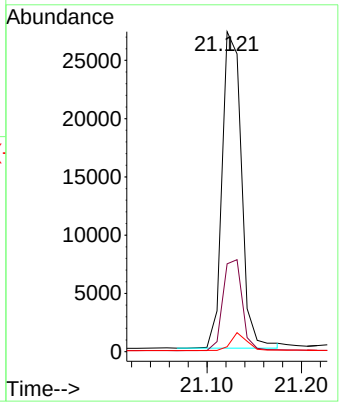


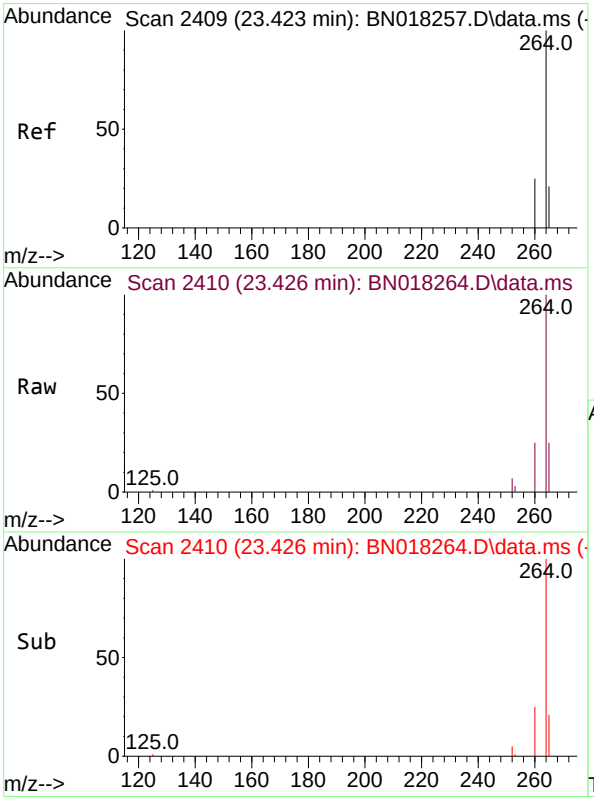
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.413 ng
RT: 21.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:149 Resp: 38591

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.7	35.5
279	4.9	3.6	5.4

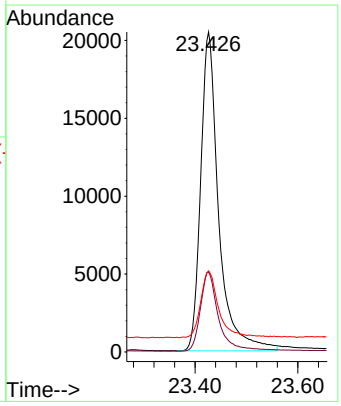


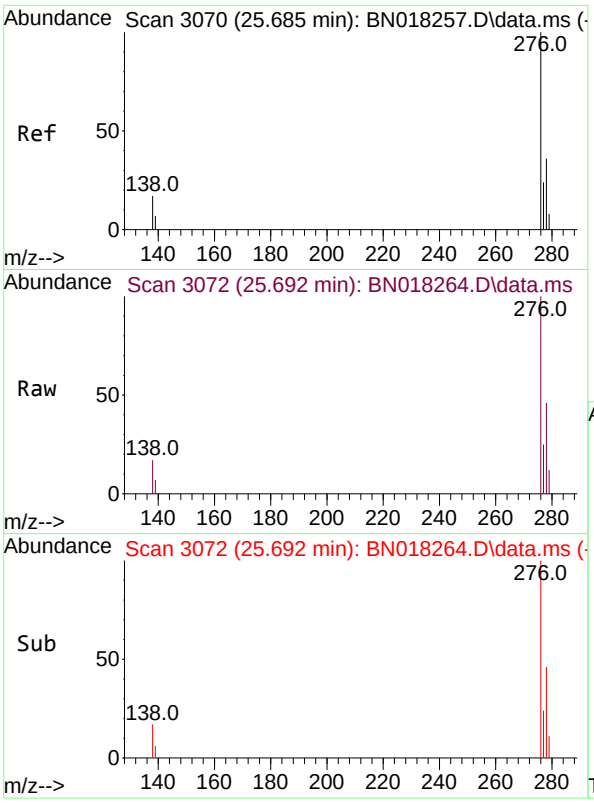


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.426 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:264 Resp: 49606

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	25.4	18.2	27.2



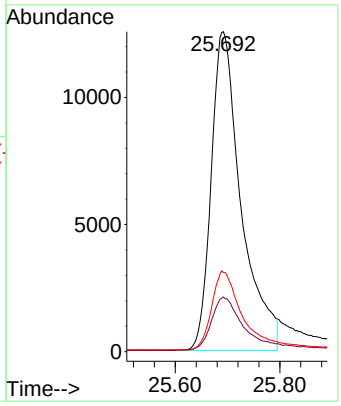


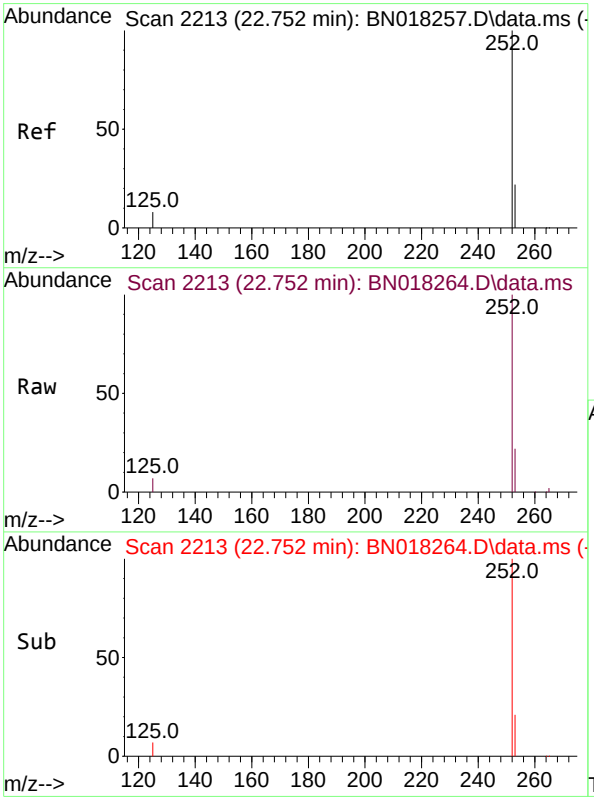
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 25.692 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:276 Resp: 49884

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.9	22.3
277	24.9	19.9	29.9

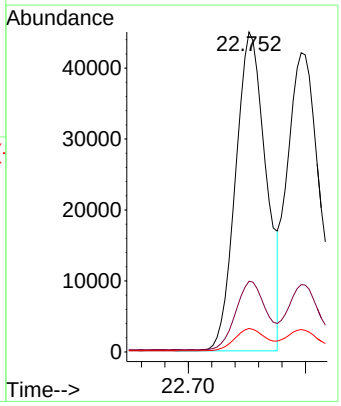


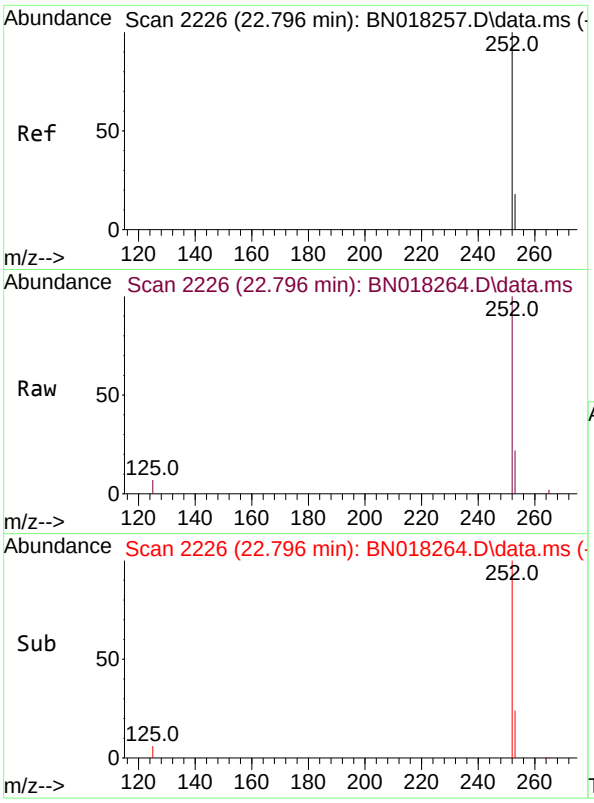


#37
Benzo(b)fluoranthene
Concen: 0.513 ng
RT: 22.752 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:252 Resp: 80834

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.4	6.0	9.0



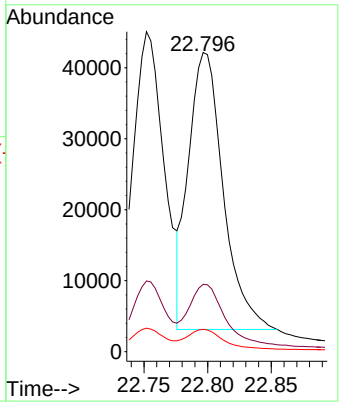


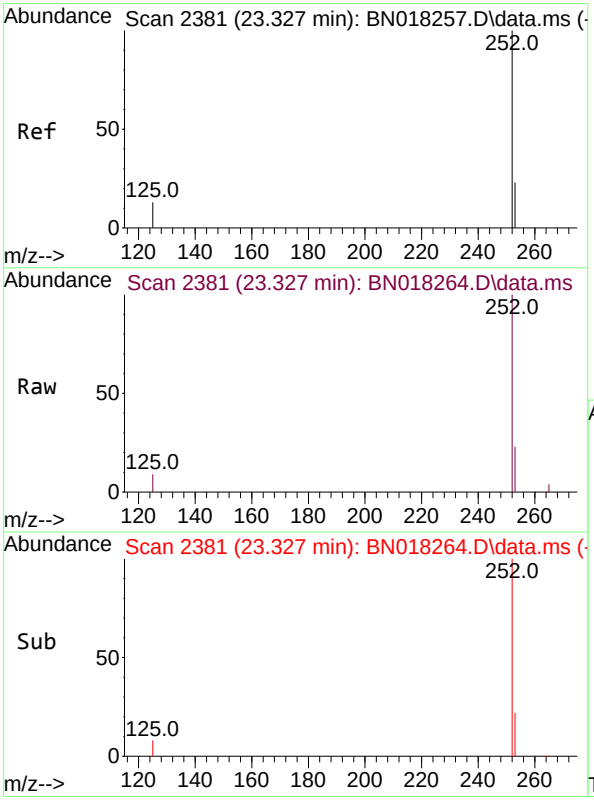
#38
Benzo(k)fluoranthene
Concen: 0.497 ng
RT: 22.796 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:252 Resp: 74160

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	7.5	6.2	9.2

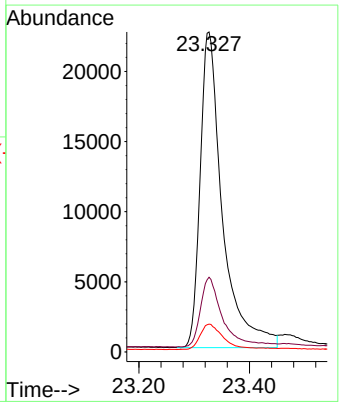


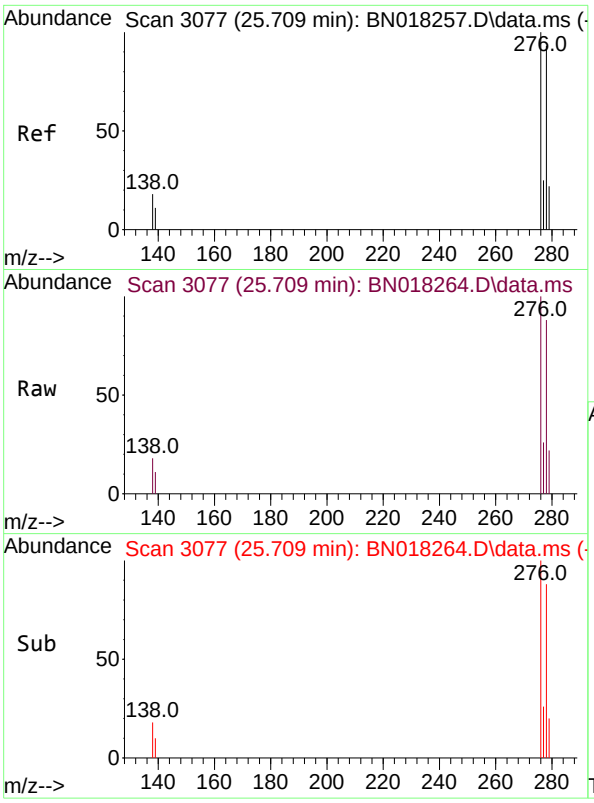


#39
Benzo(a)pyrene
Concen: 0.460 ng
RT: 23.327 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:252 Resp: 63106

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	8.7	7.0	10.4



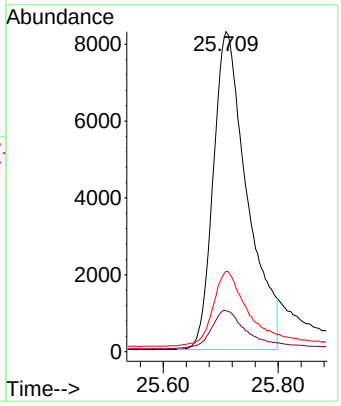


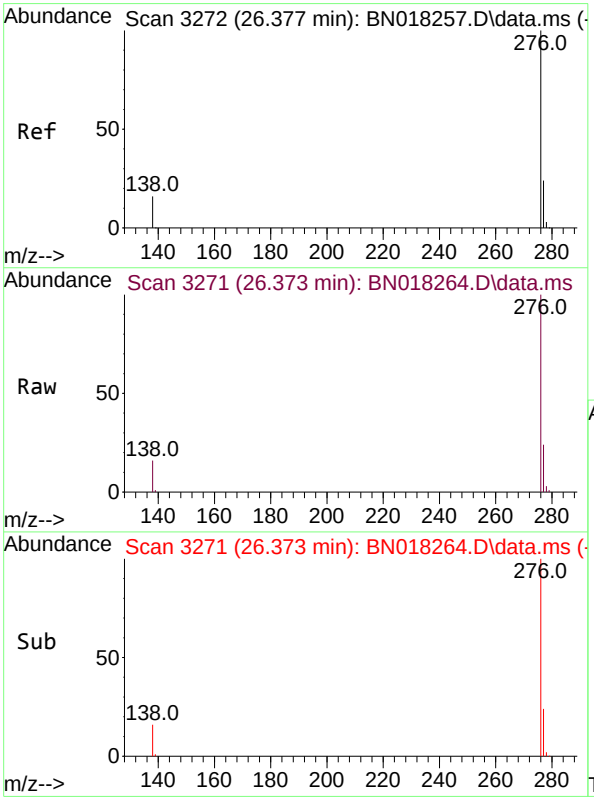
#40
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.709 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141692BS

Tgt Ion:278 Resp: 33797

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.8	16.2
279	25.0	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.475 ng
RT: 26.373 min Scan# 3271
Delta R.T. -0.003 min
Lab File: BN018264.D
Acq: 29 Dec 2021 17:01

Tgt Ion:276 Resp: 56171

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	16.2	12.6	19.0