Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018123.D
Acq On : 20 Dec 2021 15:34
Operator : CG/JU
Sample : M5137-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 16:12:57 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	23556	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	99554	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	60371	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	108860	0.400	ng	0.00
29) Chrysene-d12	21.228	240	89439	0.400	ng	# 0.00
35) Perylene-d12	23.474	264	63341	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6992	0.137	ng	0.03
5) Phenol-d6	6.868	99	4560	0.089	ng	0.02
8) Nitrobenzene-d5	8.810	82	19629	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	43894	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8198	0.403	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	65729	0.312	ng	0.00
27) Fluoranthene-d10	19.068	212	115435	0.317	ng	0.00
31) Terphenyl-d14	19.674	244	95871	0.514	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.567	42	3722	0.170	ng	# 94
6) bis(2-Chloroethyl)ether	7.108	93	21022	0.348	ng	98
9) Naphthalene	10.495	128	80811	0.323	ng	100
10) Hexachlorobutadiene	10.787	225	19656	0.286	ng	# 99
12) 2-Methylnaphthalene	12.114	142	52907	0.339	ng	99
16) Acenaphthylene	14.002	152	73670	0.295	ng	99
17) Acenaphthene	14.358	154	49833	0.314	ng	99
18) Fluorene	15.347	166	65158	0.334	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	917	0.282	ng	# 79
21) 4-Bromophenyl-phenylether	16.227	248	26590	0.403	ng	93
22) Hexachlorobenzene	16.348	284	29695	0.377	ng	99
23) Atrazine	16.506	200	19762	0.429	ng	97
24) Pentachlorophenol	16.701	266	19991	1.102	ng	99
25) Phenanthrene	17.066	178	116690	0.421	ng	100
26) Anthracene	17.164	178	103531	0.414	ng	100
28) Fluoranthene	19.098	202	140923	0.408	ng	100
30) Pyrene	19.460	202	143474	0.489	ng	100
32) Benzo(a)anthracene	21.206	228	106975	0.398	ng	98
33) Chrysene	21.259	228	110735	0.386	ng	100
34) Bis(2-ethylhexyl)phtha...	21.153	149	104118	0.788	ng	100
36) Indeno(1,2,3-cd)pyrene	25.768	276	48376	0.228	ng	99
37) Benzo(b)fluoranthene	22.797	252	85789	0.456	ng	99
38) Benzo(k)fluoranthene	22.841	252	79968	0.436	ng	99
39) Benzo(a)pyrene	23.375	252	74496	0.389	ng	99
40) Dibenzo(a,h)anthracene	25.788	278	33832	0.205	ng	97
41) Benzo(g,h,i)perylene	26.462	276	48770	0.246	ng	99

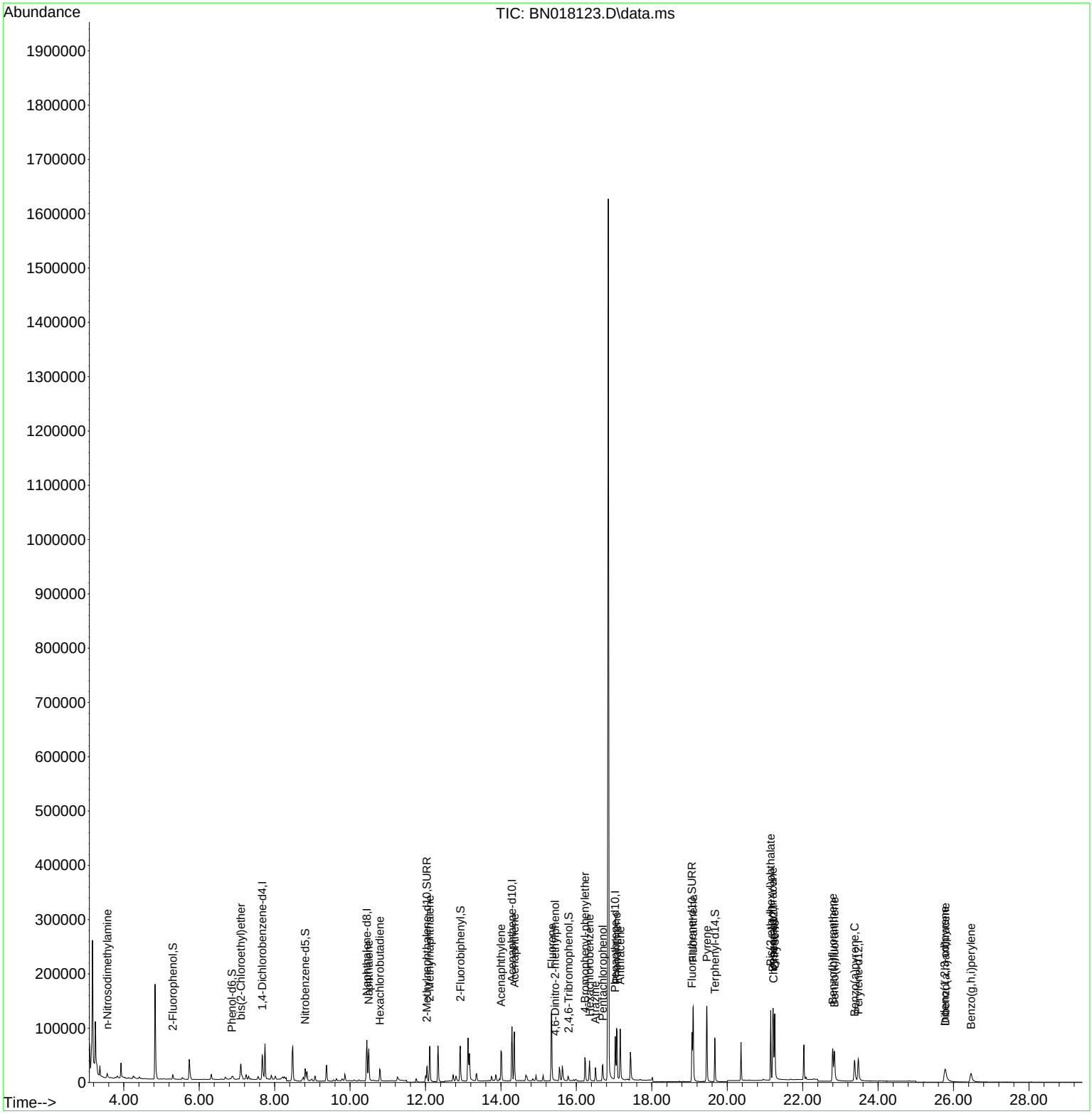
(#) = qualifier out of range (m) = manual integration (+) = signals summed

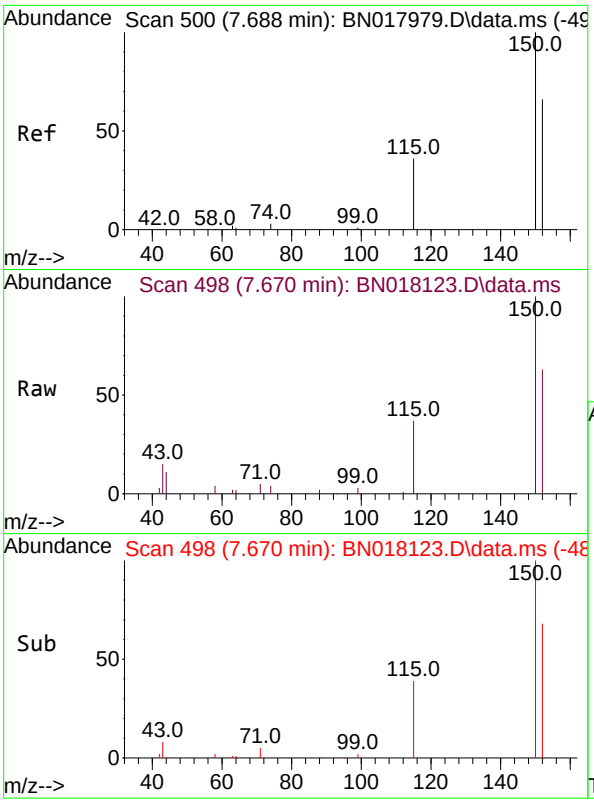
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018123.D
Acq On : 20 Dec 2021 15:34
Operator : CG/JU
Sample : M5137-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 16:12:57 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



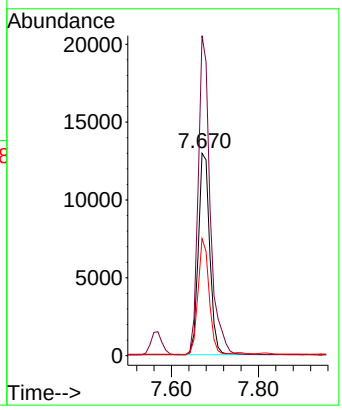


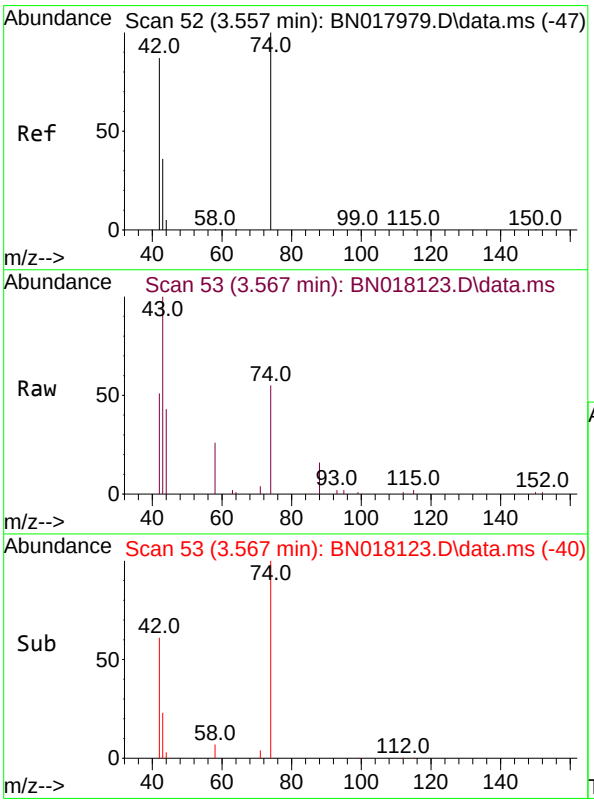
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 23556

Ion	Ratio	Lower	Upper
152	100		
150	158.1	121.7	182.5
115	57.9	43.8	65.8

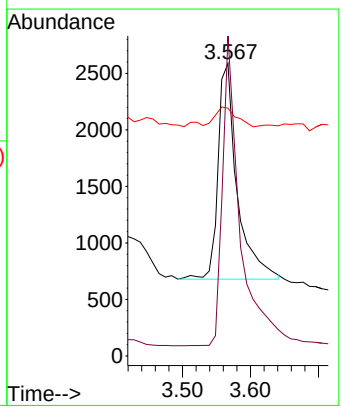


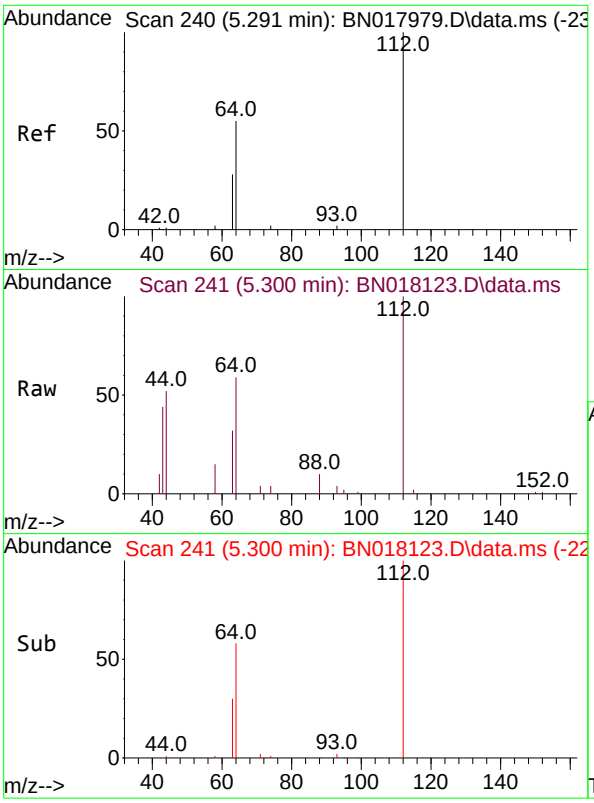


#3
n-Nitrosodimethylamine
Concen: 0.170 ng
RT: 3.567 min Scan# 53
Delta R.T. 0.018 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion: 42 Resp: 3722

Ion	Ratio	Lower	Upper
42	100		
74	129.0	108.6	163.0
44	11.4	5.8	8.8#



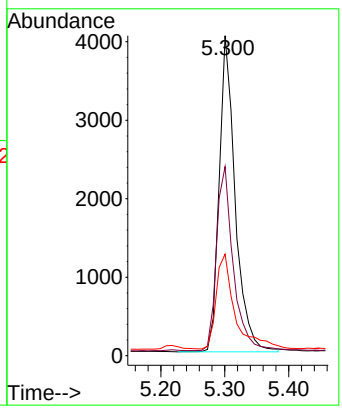


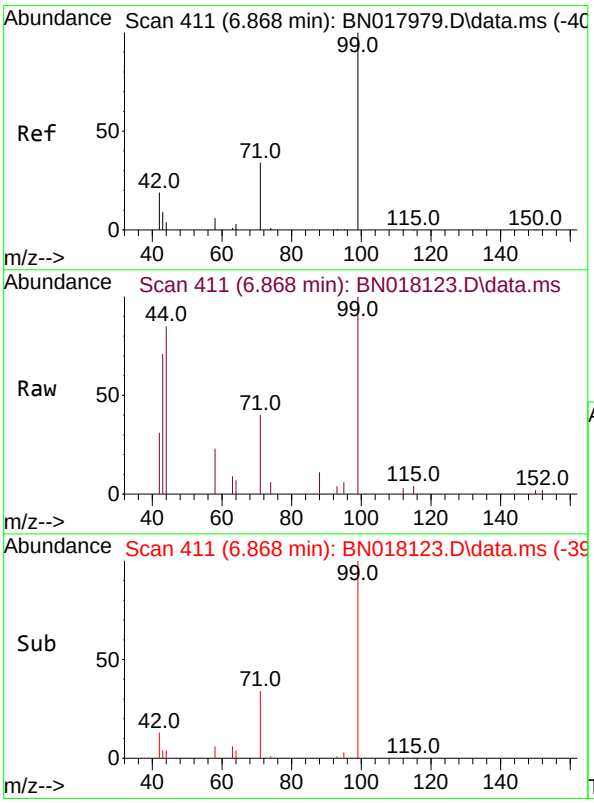
#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.300 min Scan# 24
Delta R.T. 0.028 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 6992

Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.0	72.0
63	34.6	25.3	37.9

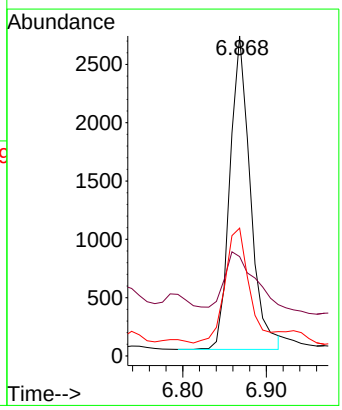


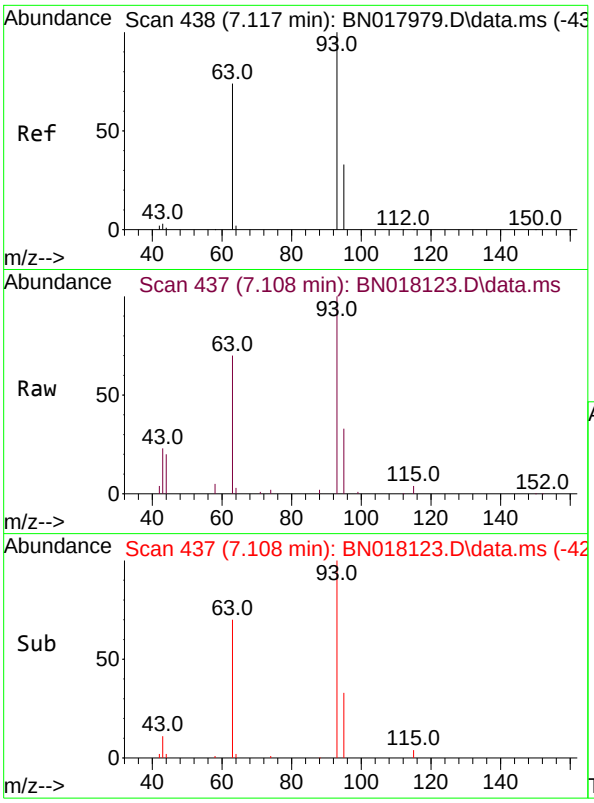


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.018 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion: 99 Resp: 4560

Ion	Ratio	Lower	Upper
99	100		
42	24.3	16.3	24.5
71	43.3	26.8	40.2#



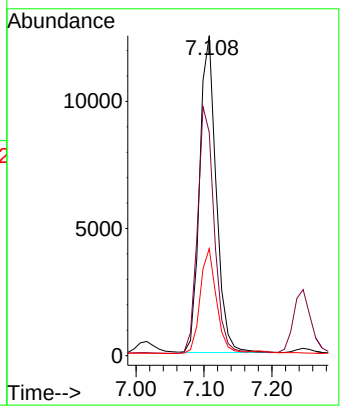


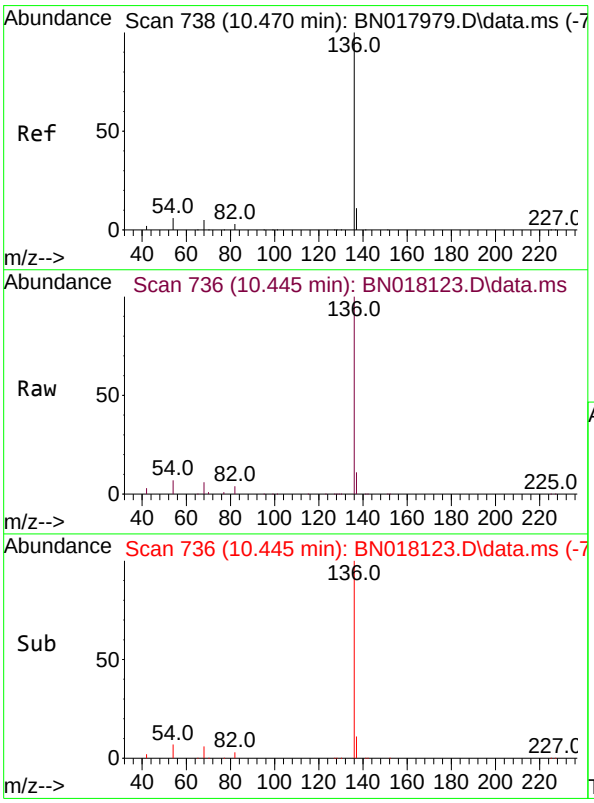
#6
bis(2-Chloroethyl)ether
Concen: 0.348 ng
RT: 7.108 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 21022

Ion	Ratio	Lower	Upper
93	100		
63	79.3	61.7	92.5
95	32.5	26.2	39.4

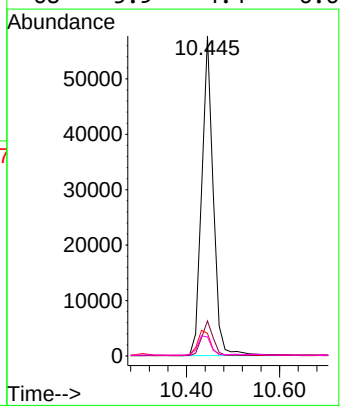


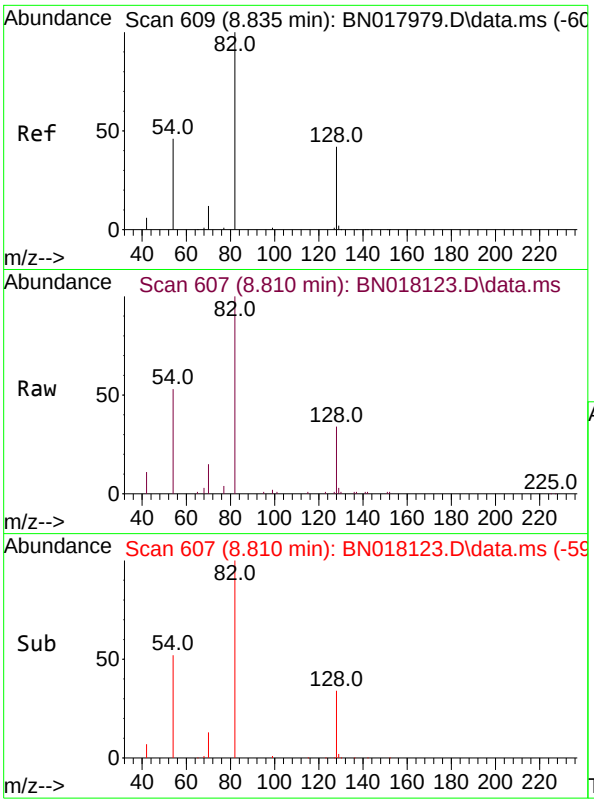


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:136 Resp: 99554

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.0	5.0	7.6
68	5.9	4.4	6.6



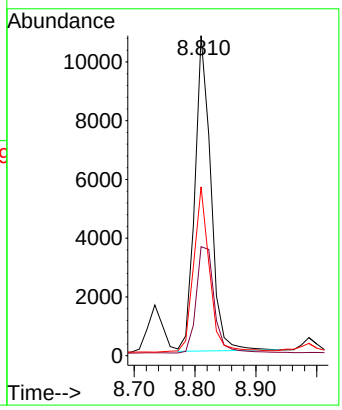


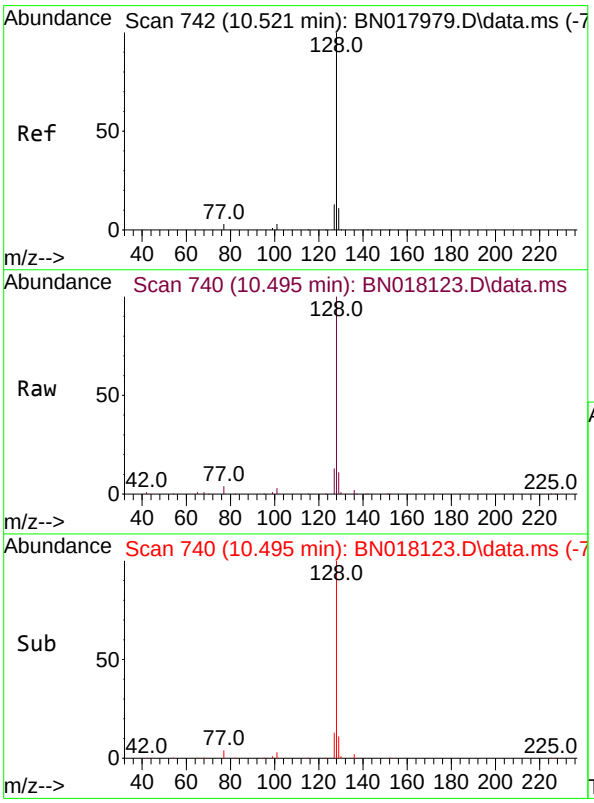
#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.810 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 19629

Ion	Ratio	Lower	Upper
82	100		
128	34.0	33.7	50.5
54	52.8	36.6	55.0

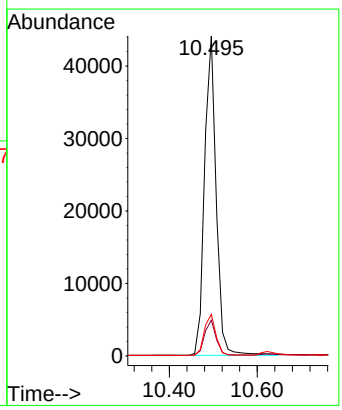


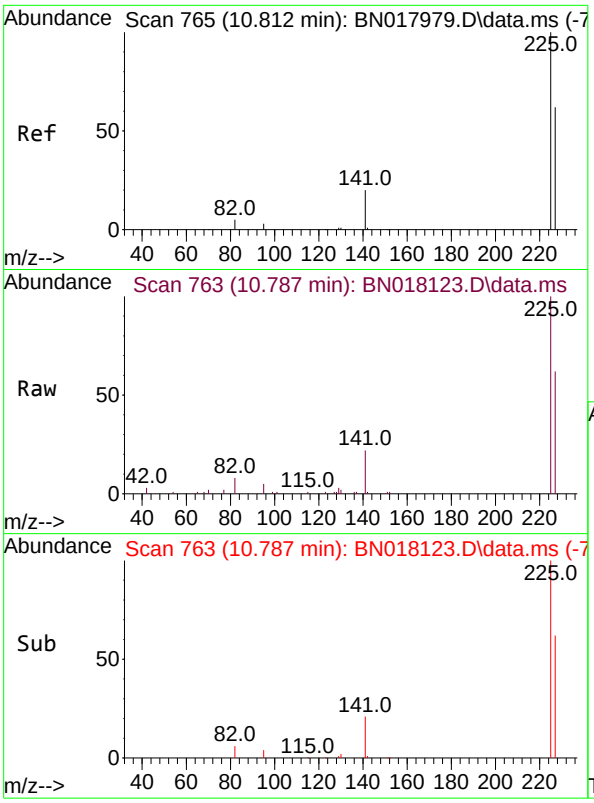


#9
Naphthalene
Concen: 0.323 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:128 Resp: 80811

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.0	10.4	15.6



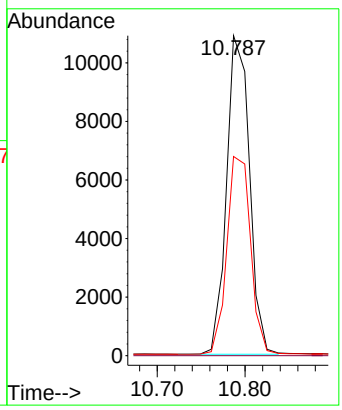


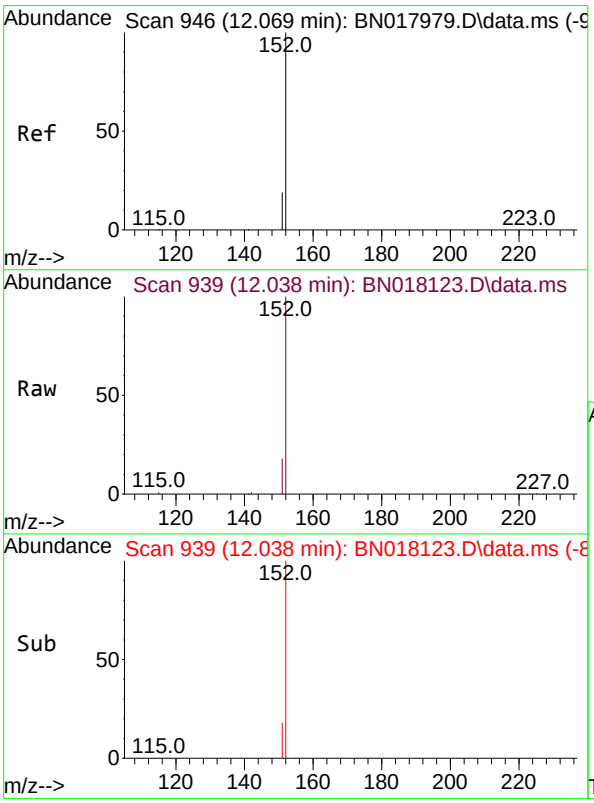
#10
Hexachlorobutadiene
Concen: 0.286 ng
RT: 10.787 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 19656

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.0	76.6

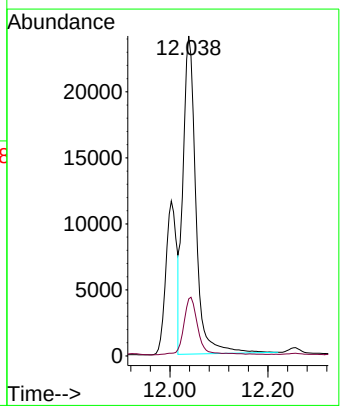


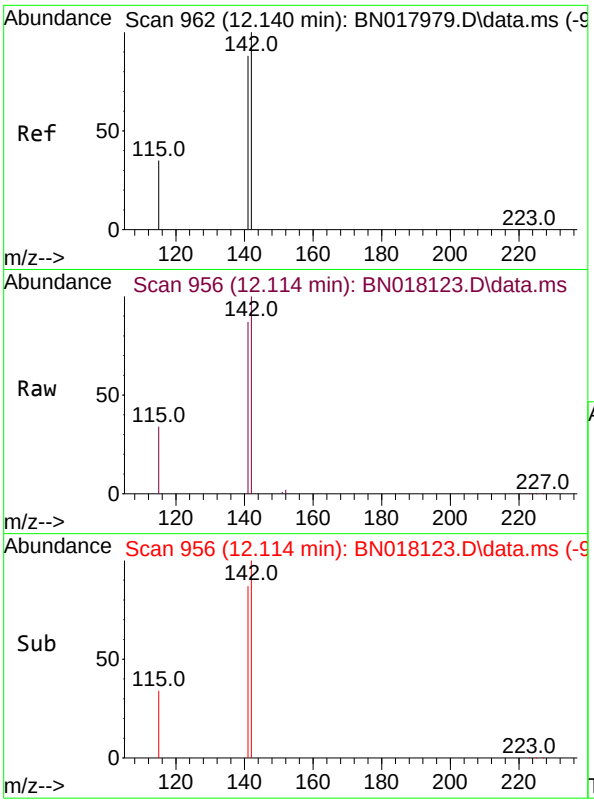


#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:152 Resp: 43894

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2



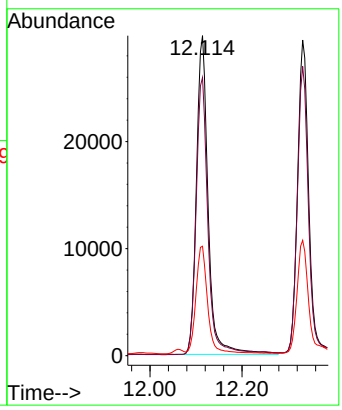


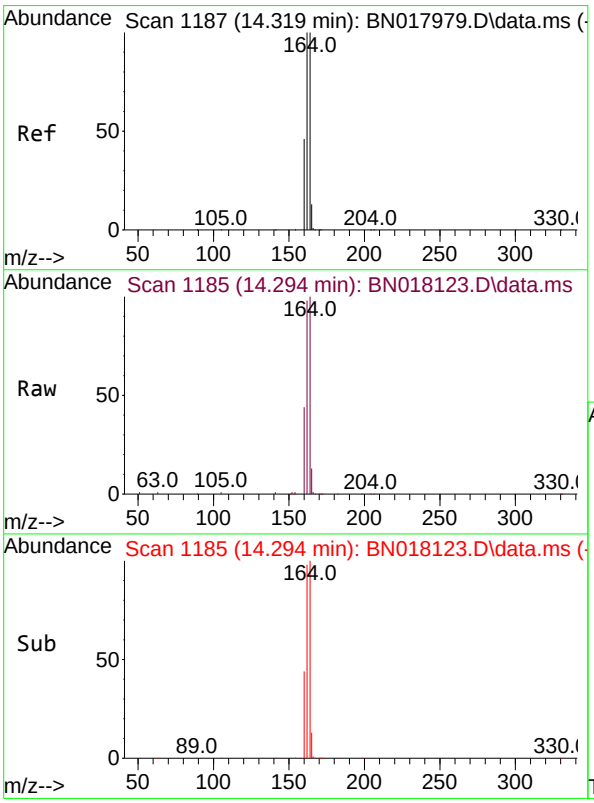
#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.114 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 52907

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.0	105.0
115	34.2	27.8	41.8

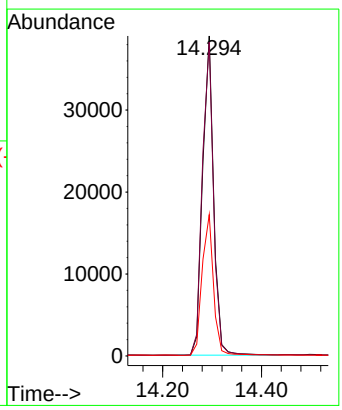


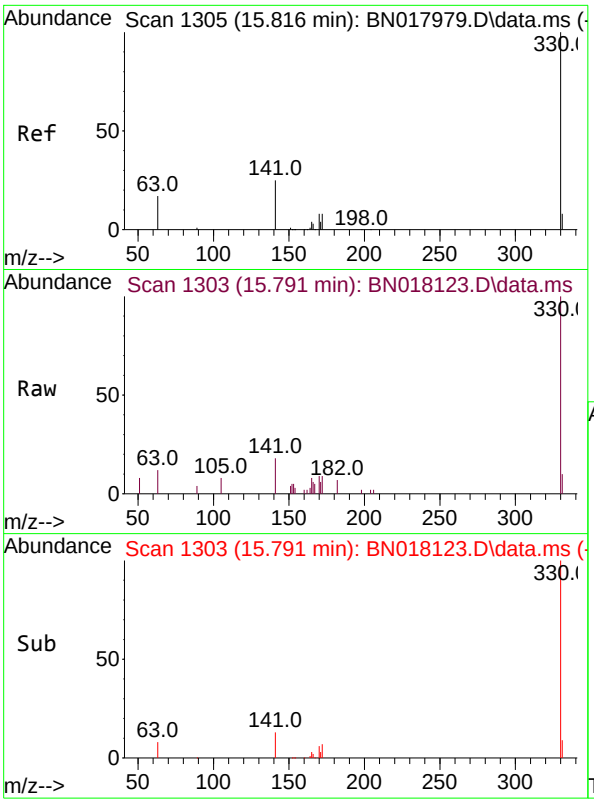


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:164 Resp: 60371

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.2	120.2
160	44.2	36.9	55.3



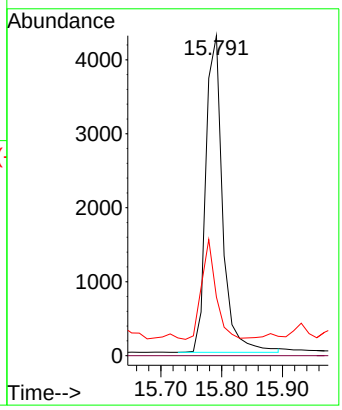


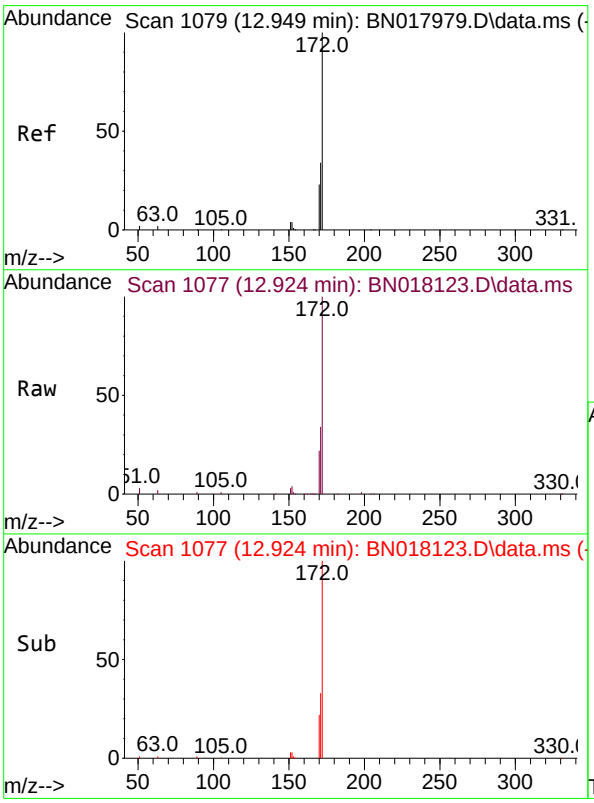
#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.791 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 8198

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.3	21.3	31.9

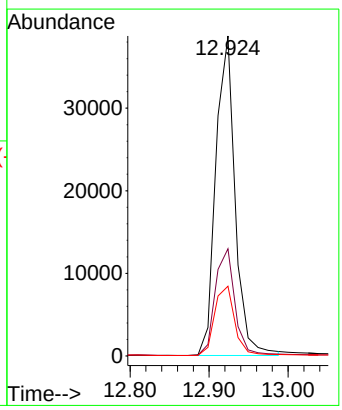


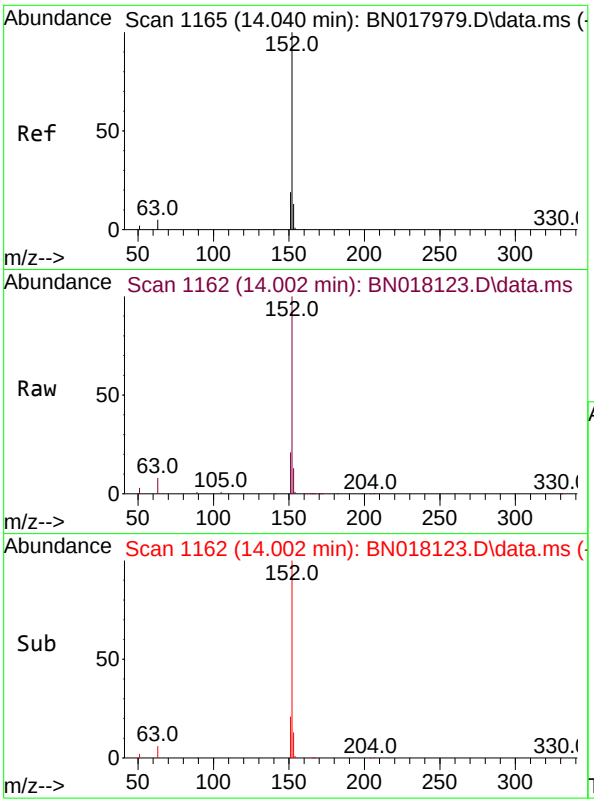


#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:172 Resp: 65729

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.0
170	21.8	18.4	27.6



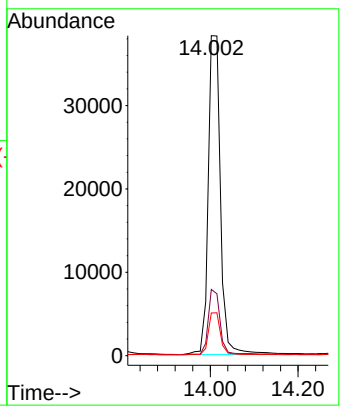


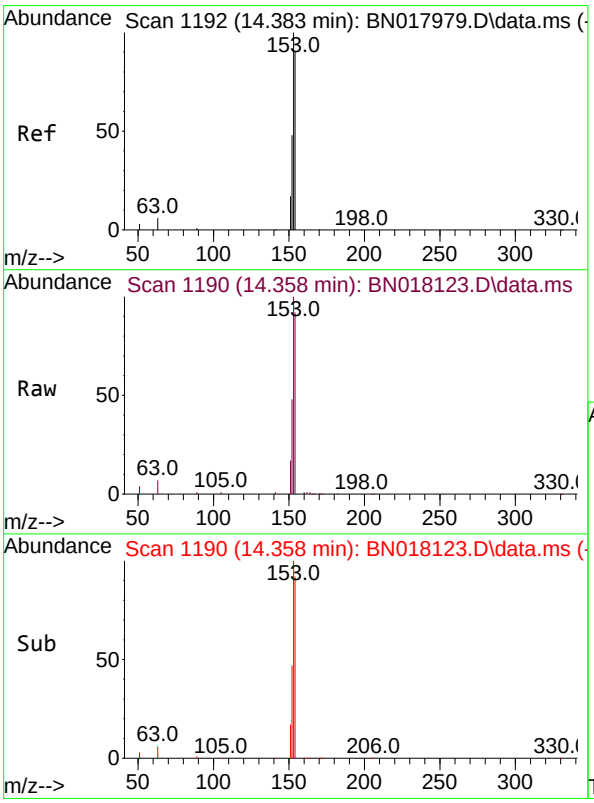
#16
Acenaphthylene
Concen: 0.295 ng
RT: 14.002 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 73670

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.3	10.5	15.7

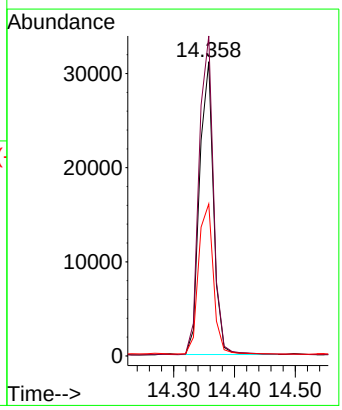


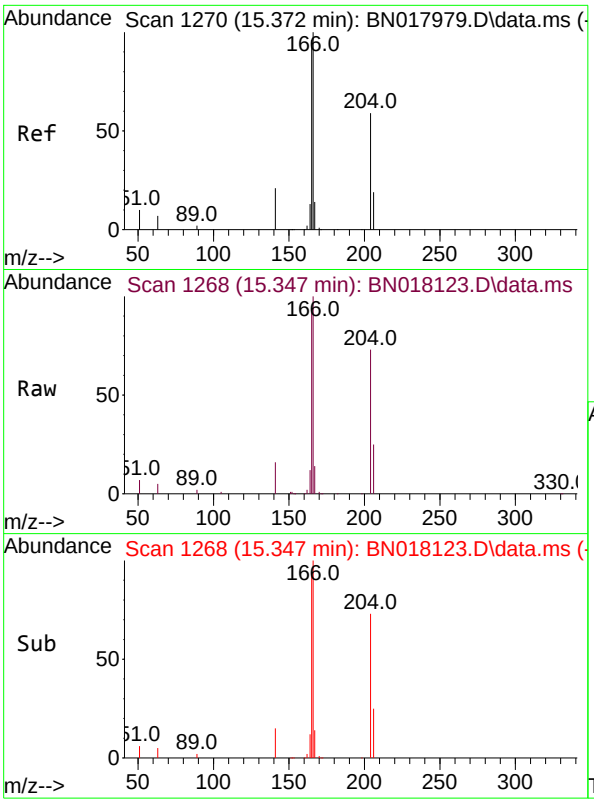


#17
Acenaphthene
Concen: 0.314 ng
RT: 14.358 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:154 Resp: 49833

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.9	136.3
152	54.7	45.0	67.4



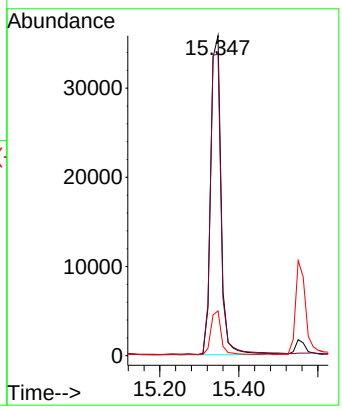


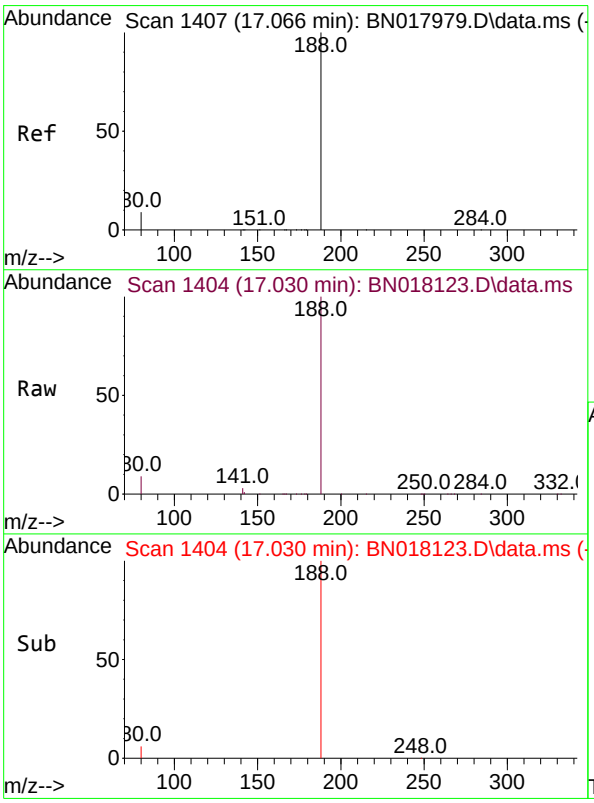
#18
Fluorene
Concen: 0.334 ng
RT: 15.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 65158

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.6	10.9	16.3

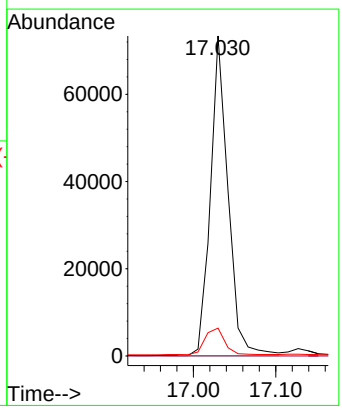


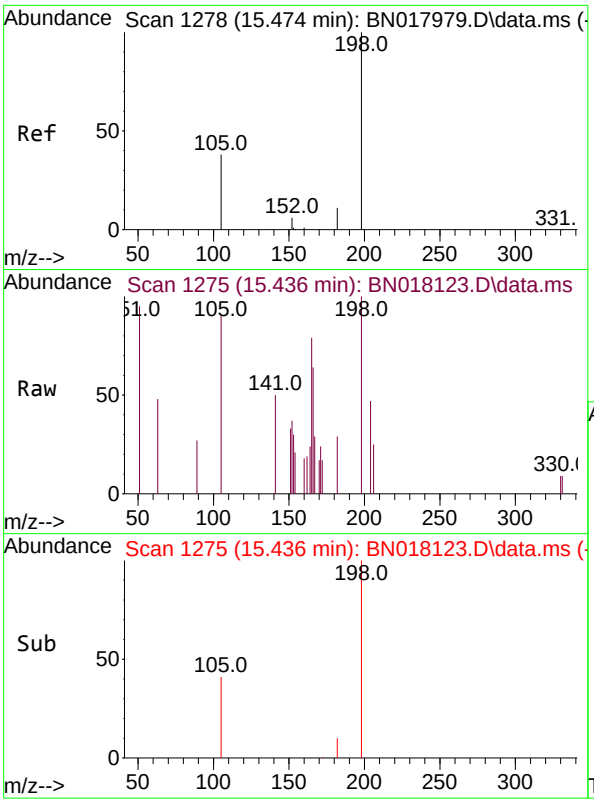


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:188 Resp: 108860

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.0	10.4



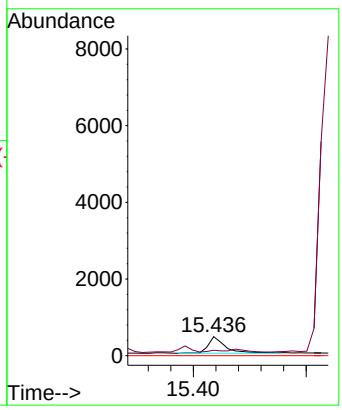


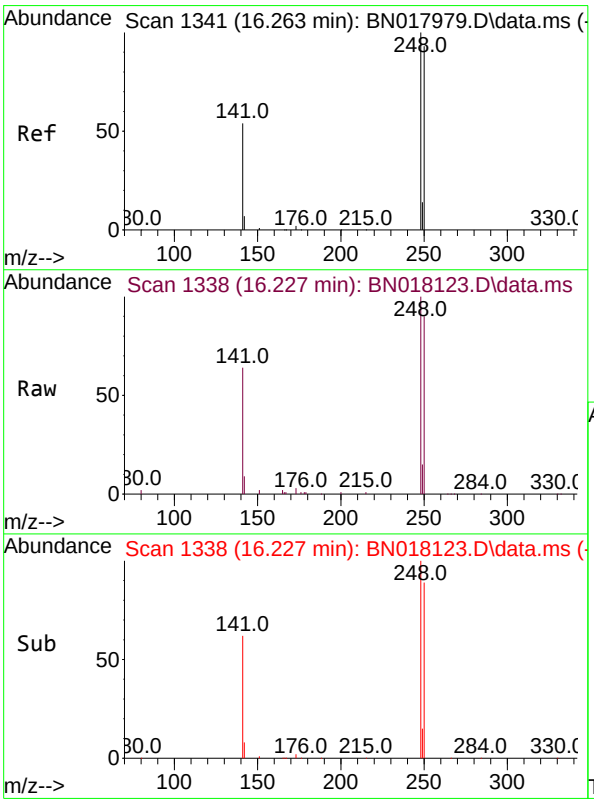
#20
4,6-Dinitro-2-methylphenol
Concen: 0.282 ng
RT: 15.436 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 917

Ion	Ratio	Lower	Upper
198	100		
182	28.8	15.5	23.3#
77	0.0	0.0	0.0

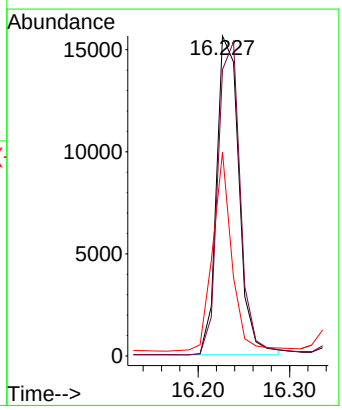


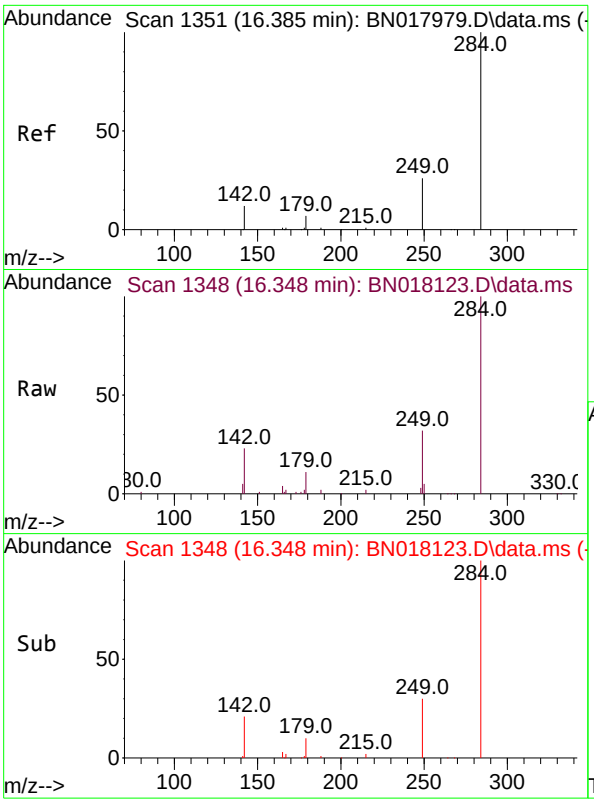


#21
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.227 min Scan# 1338
Delta R.T. -0.012 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:248 Resp: 26590

Ion	Ratio	Lower	Upper
248	100		
250	89.5	74.4	111.6
141	63.6	43.7	65.5



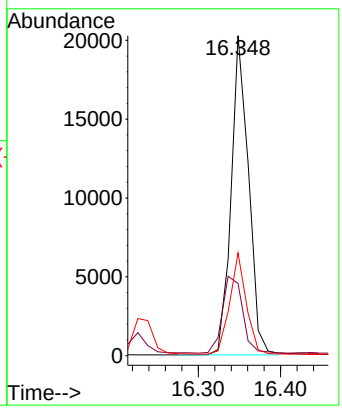


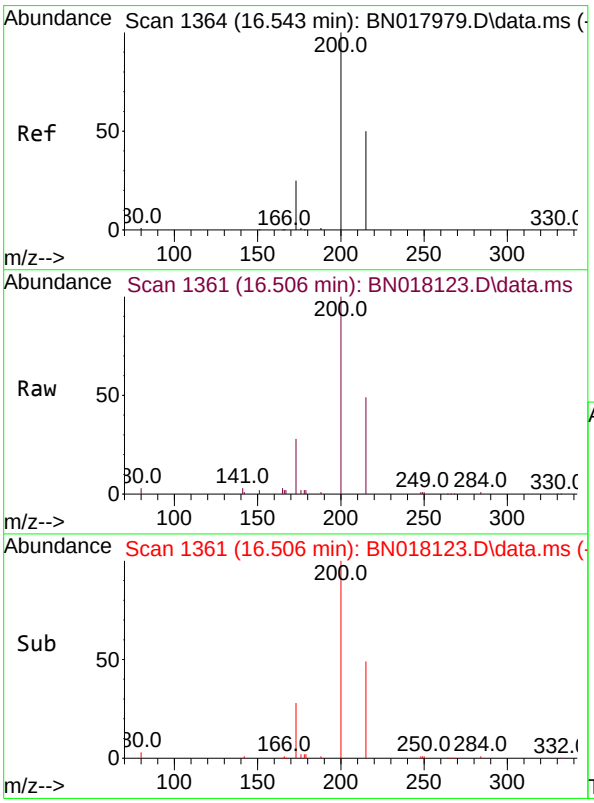
#22
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 29695

Ion	Ratio	Lower	Upper
284	100		
142	27.7	21.6	32.4
249	30.0	23.5	35.3

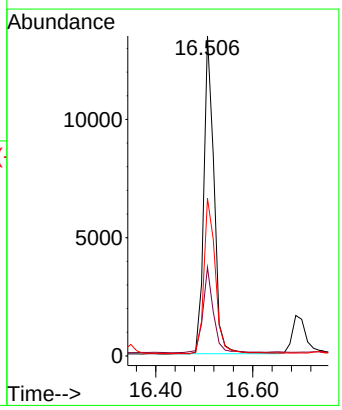


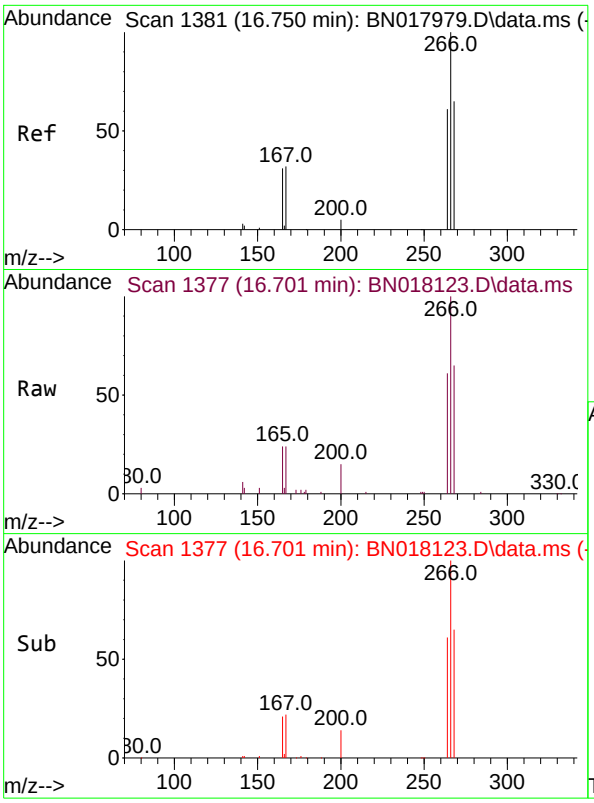


#23
Atrazine
Concen: 0.429 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:200 Resp: 19762

Ion	Ratio	Lower	Upper
200	100		
173	27.7	20.3	30.5
215	49.3	40.4	60.6



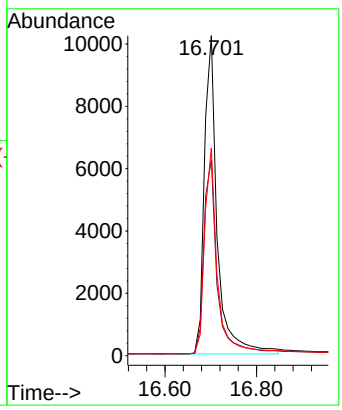


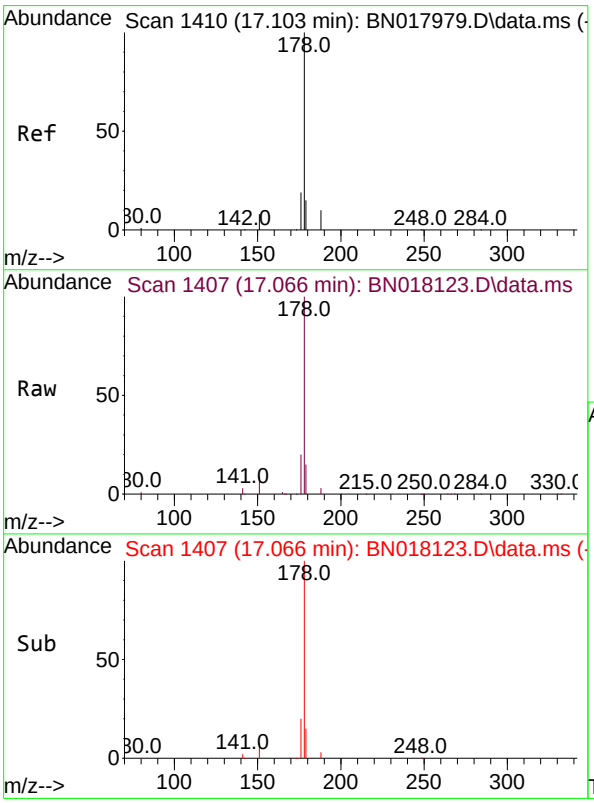
#24
Pentachlorophenol
Concen: 1.102 ng
RT: 16.701 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 19991

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.5	74.3
268	63.9	50.6	76.0

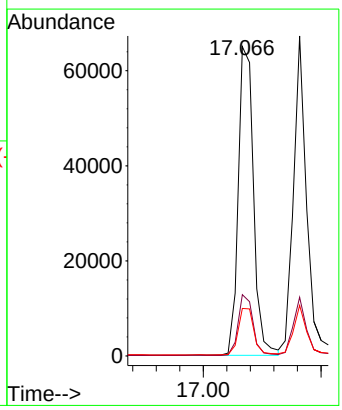


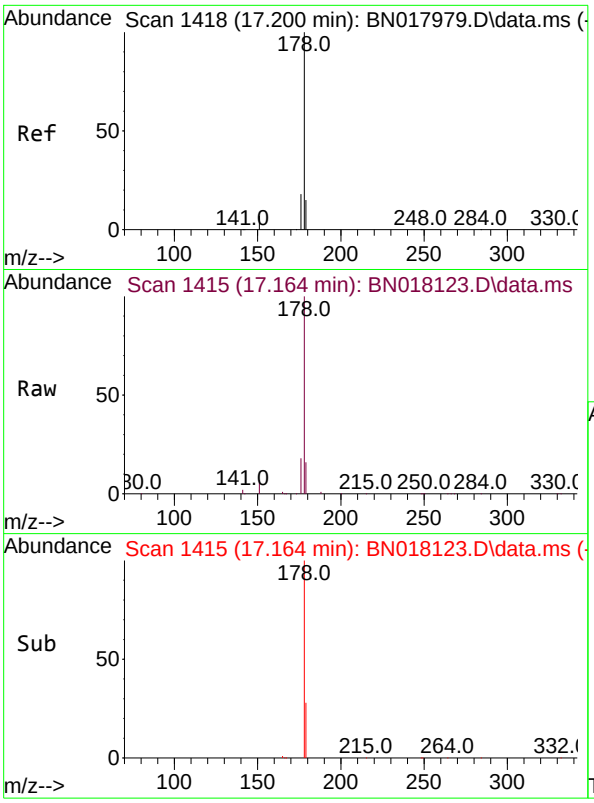


#25
Phenanthrene
Concen: 0.421 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:178 Resp: 116690

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



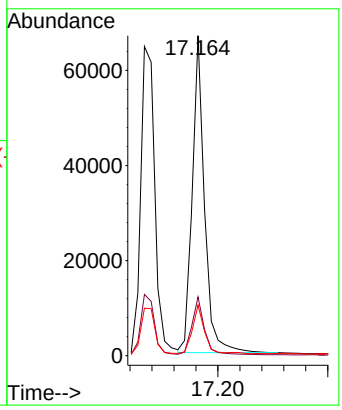


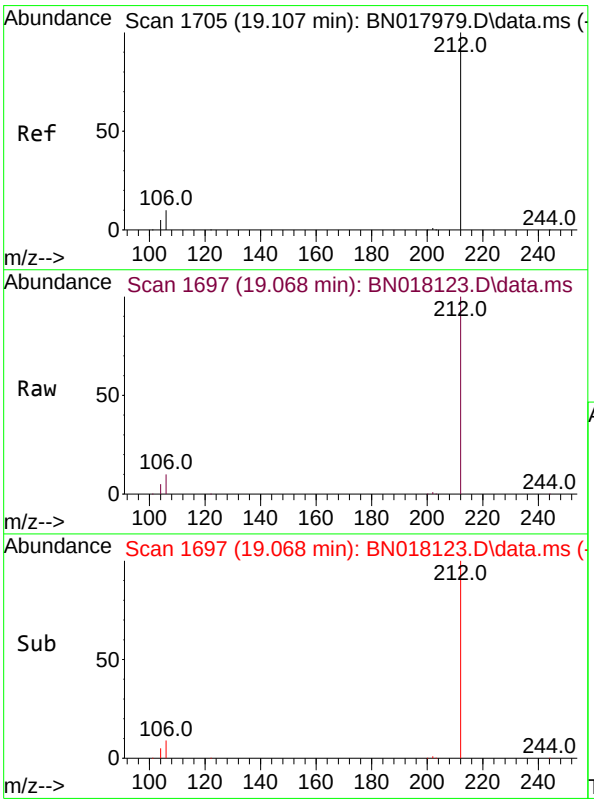
#26
Anthracene
Concen: 0.414 ng
RT: 17.164 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 103531

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	12.2	18.4

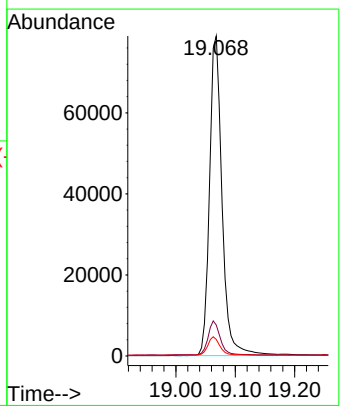


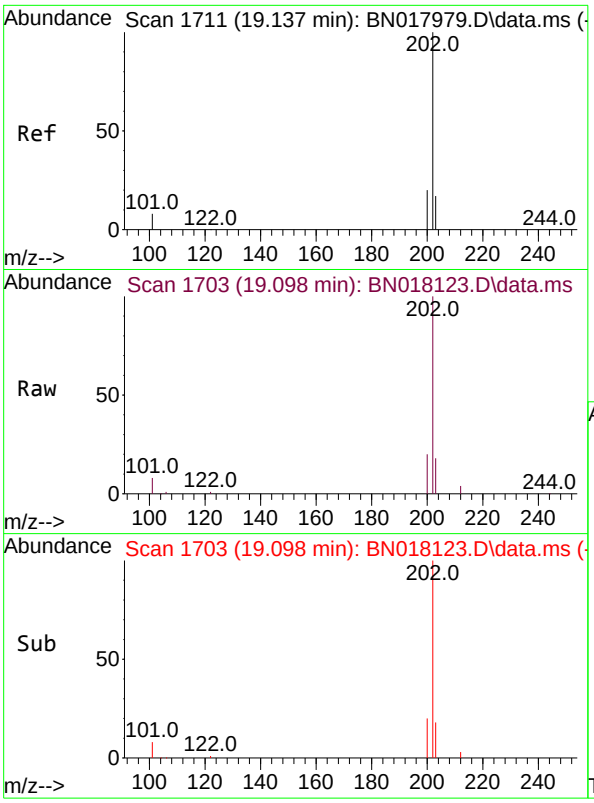


#27
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:212 Resp: 115435

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.7	4.5	6.7



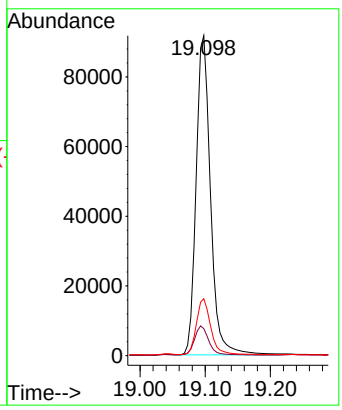


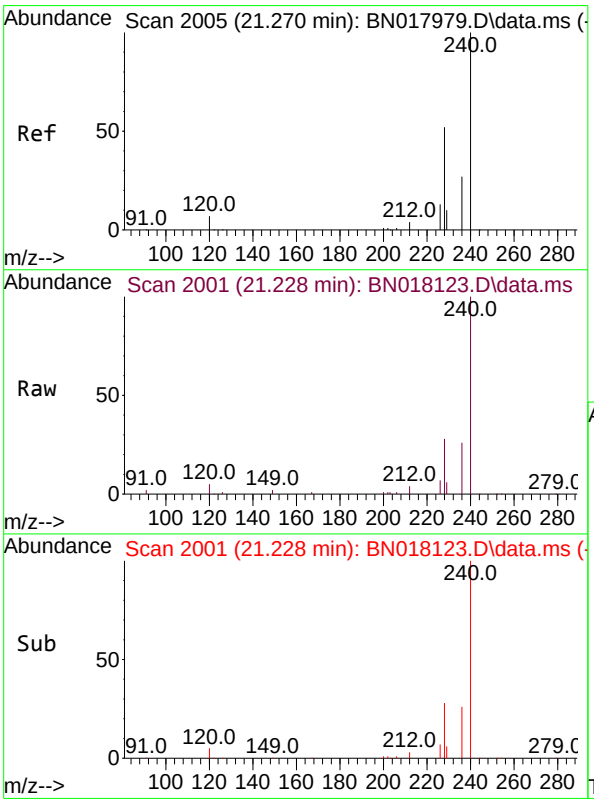
#28
Fluoranthene
Concen: 0.408 ng
RT: 19.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 140923

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.3	13.7	20.5

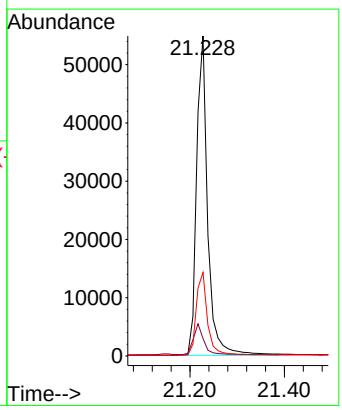


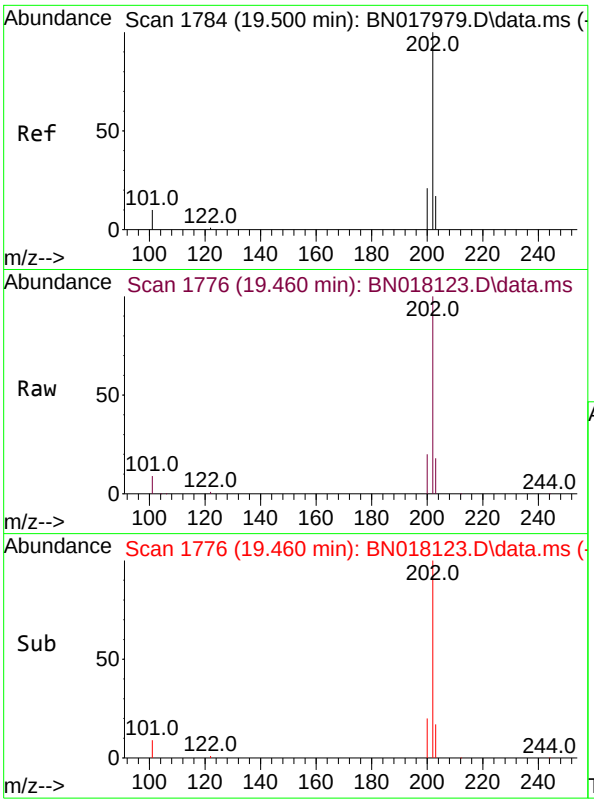


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:240 Resp: 89439

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.0	9.0#
236	26.1	21.4	32.2



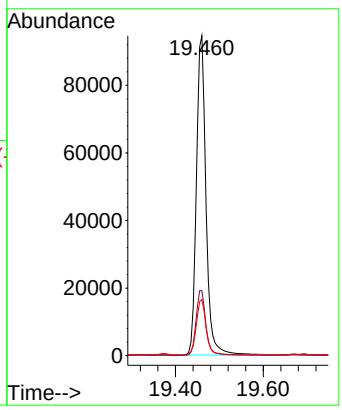


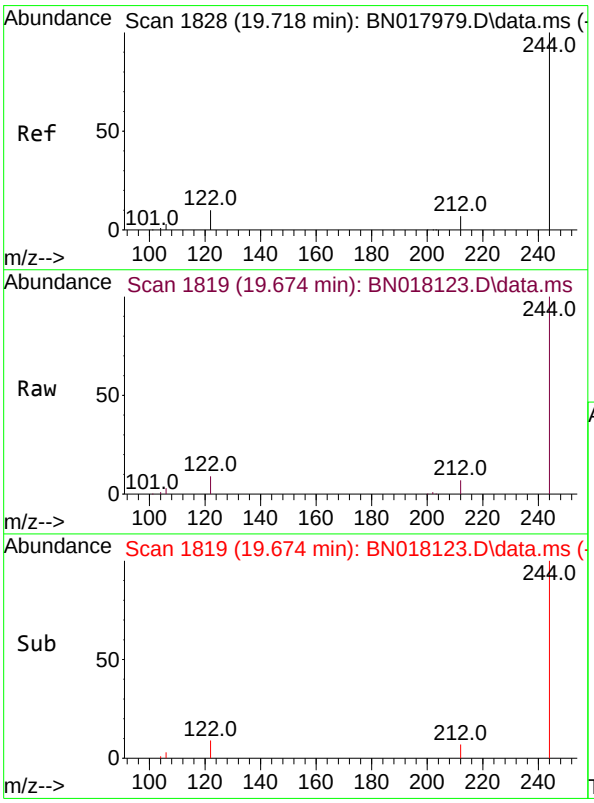
#30
Pyrene
Concen: 0.489 ng
RT: 19.460 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 143474

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.1	21.1

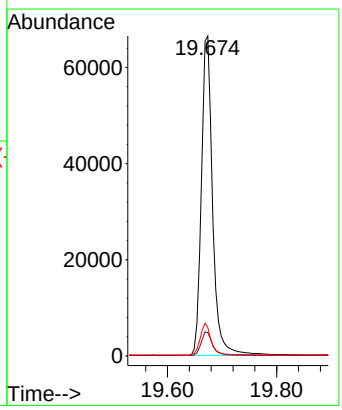


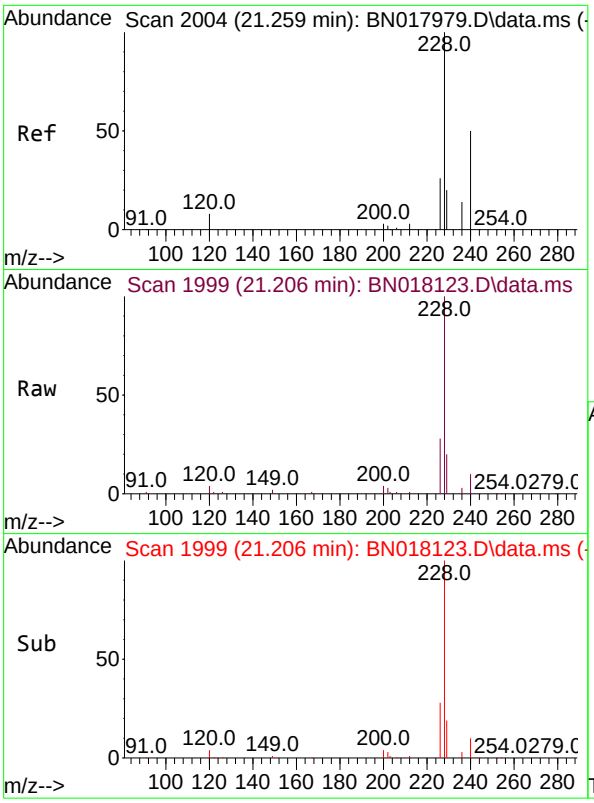


#31
Terphenyl-d14
Concen: 0.514 ng
RT: 19.674 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:244 Resp: 95871

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.9	7.9	11.9



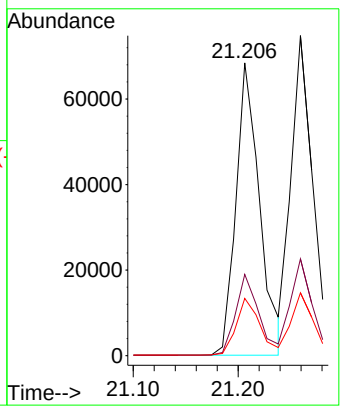


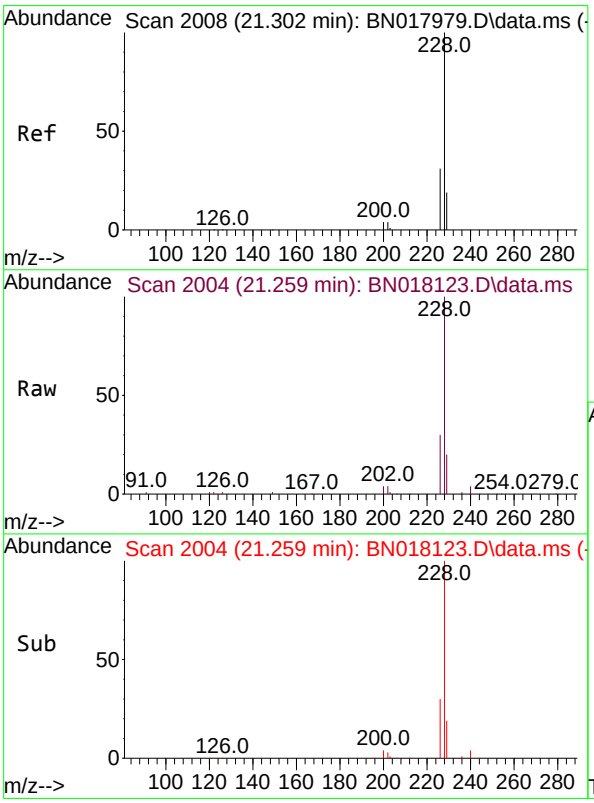
#32
Benzo(a)anthracene
Concen: 0.398 ng
RT: 21.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 106975

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.3	31.9
229	19.6	15.9	23.9

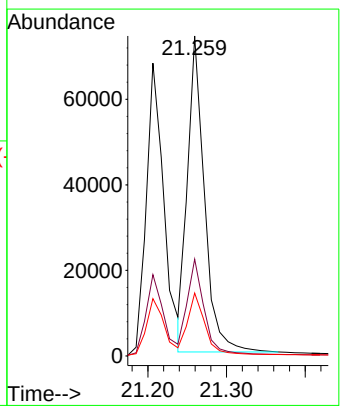


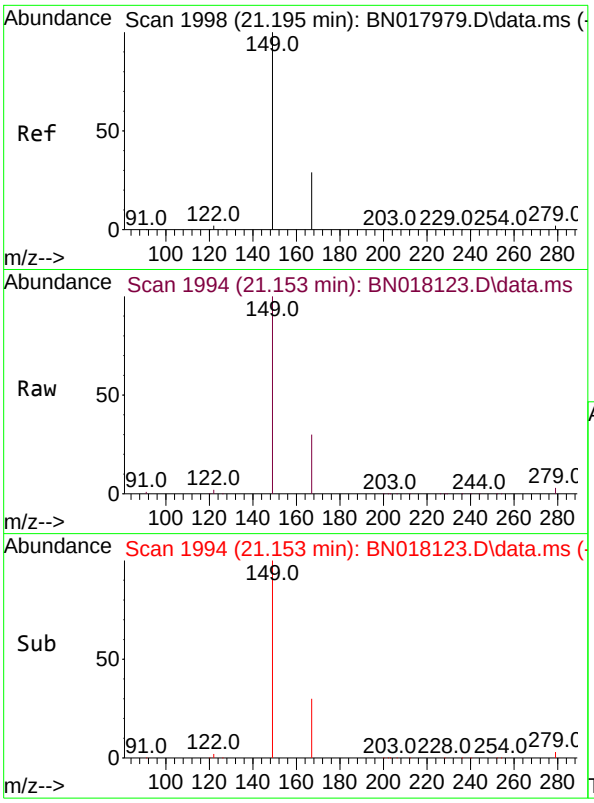


#33
Chrysene
Concen: 0.386 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:228 Resp: 110735

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.6	15.5	23.3



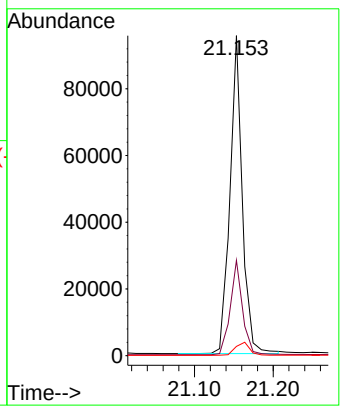


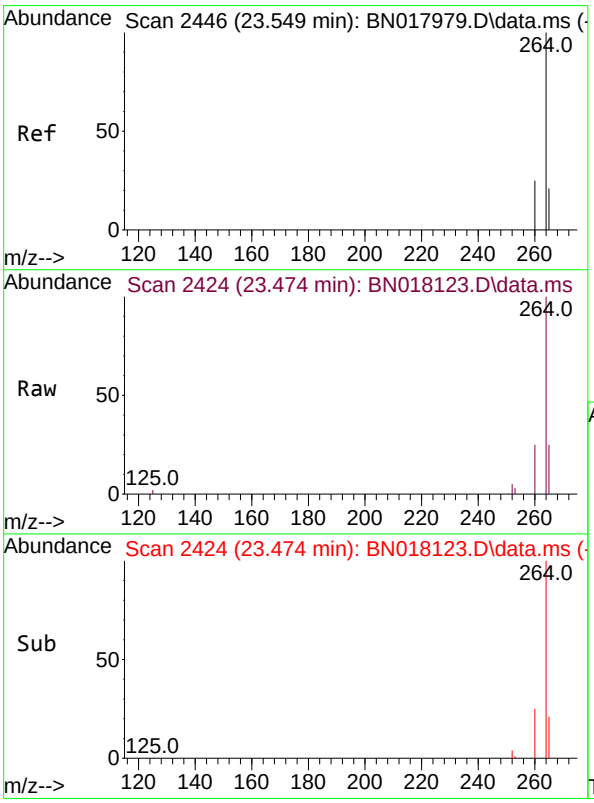
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.788 ng
RT: 21.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 104118

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	4.7	3.6	5.4

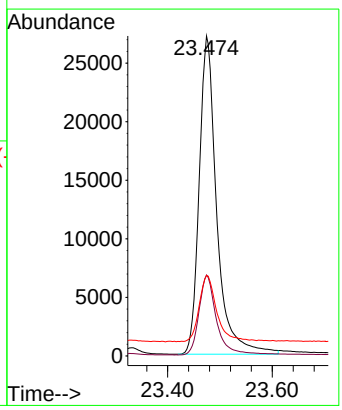


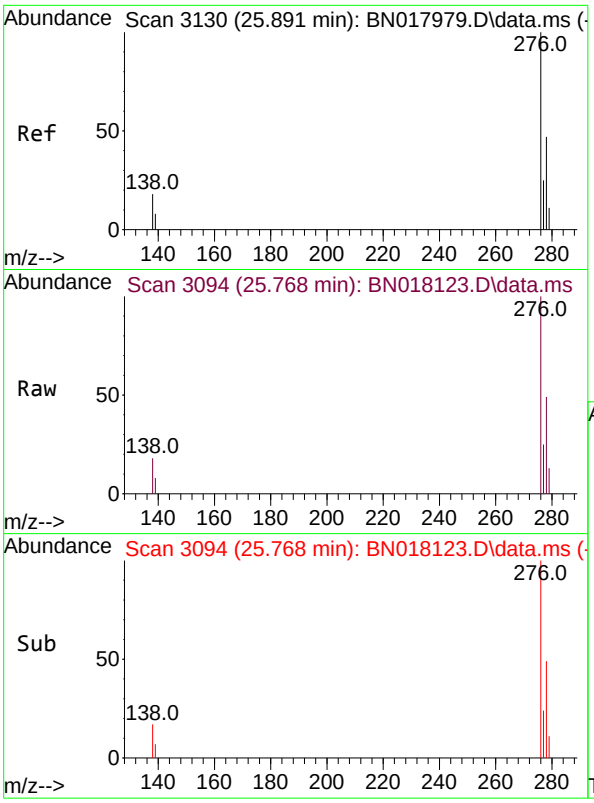


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.474 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:264 Resp: 63341

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	25.2	18.2	27.2



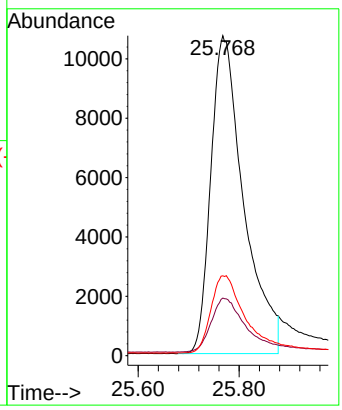


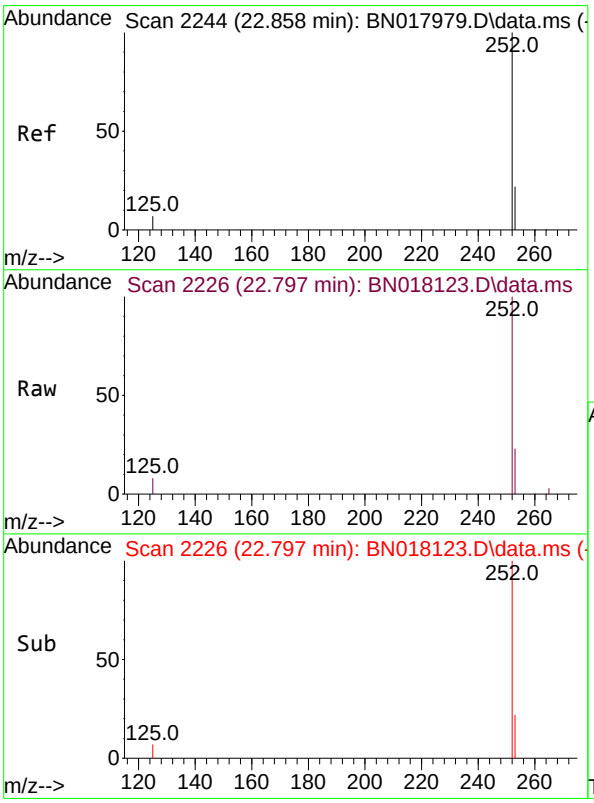
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.228 ng
RT: 25.768 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48376

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.9	22.3
277	24.8	19.9	29.9

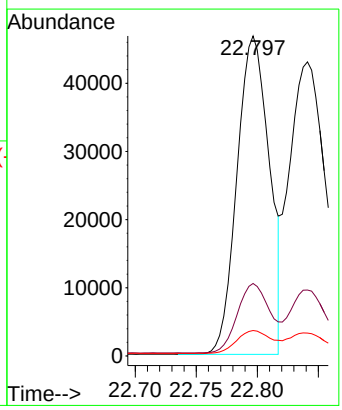


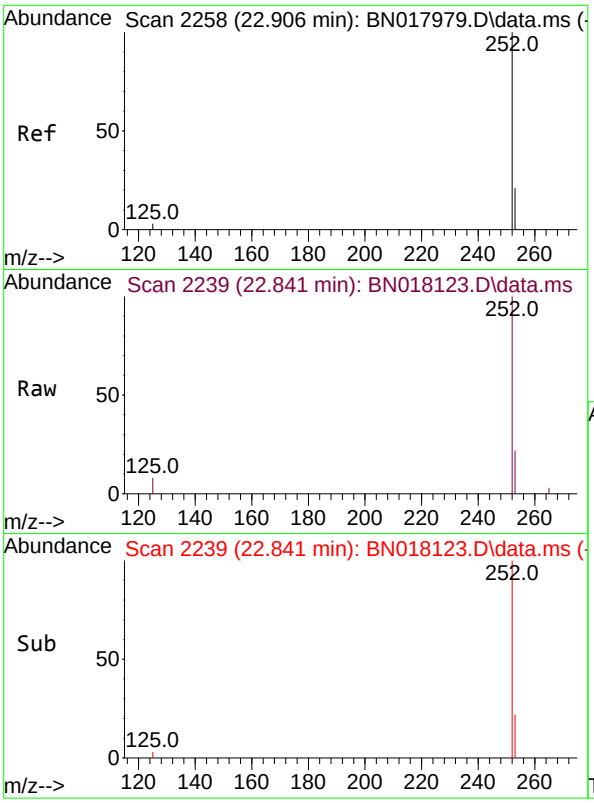


#37
Benzo(b)fluoranthene
Concen: 0.456 ng
RT: 22.797 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:252 Resp: 85789

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	8.0	6.0	9.0



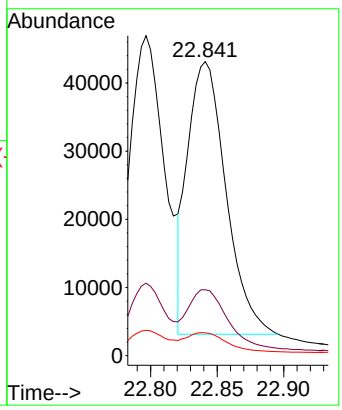


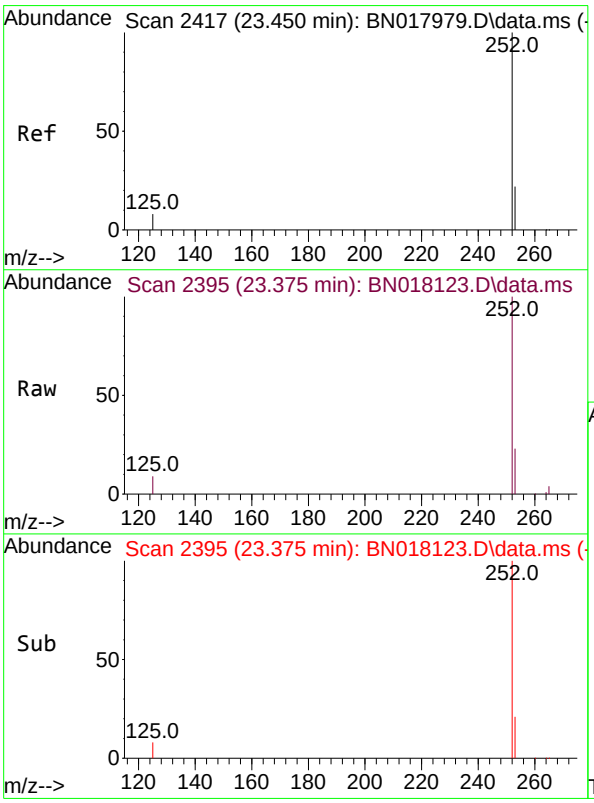
#38
Benzo(k)fluoranthene
Concen: 0.436 ng
RT: 22.841 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 79968

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	7.8	6.2	9.2

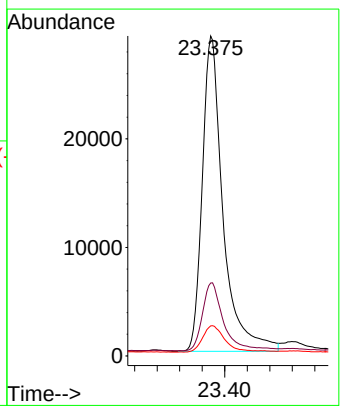


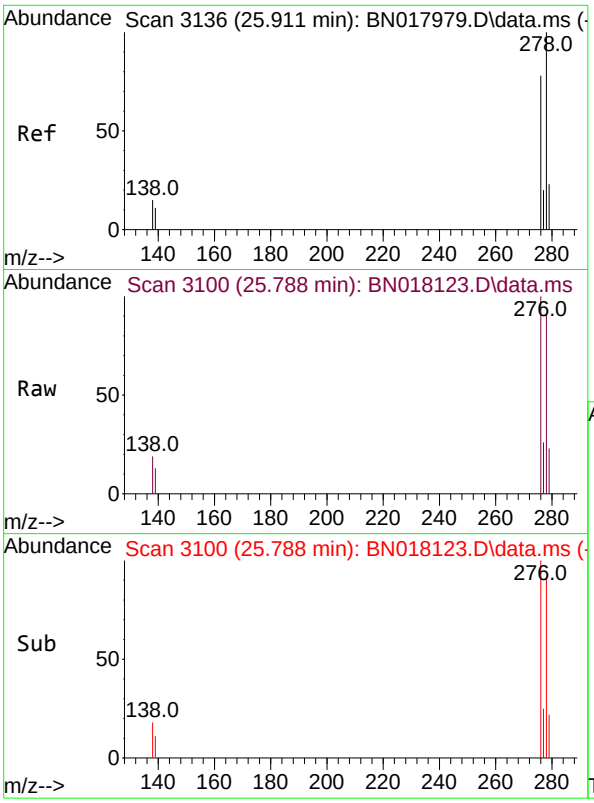


#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.375 min Scan# 2395
Delta R.T. -0.003 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:252 Resp: 74496

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	9.4	7.0	10.4



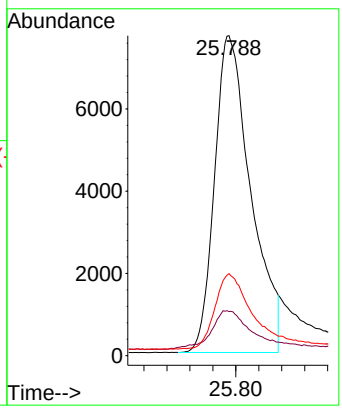


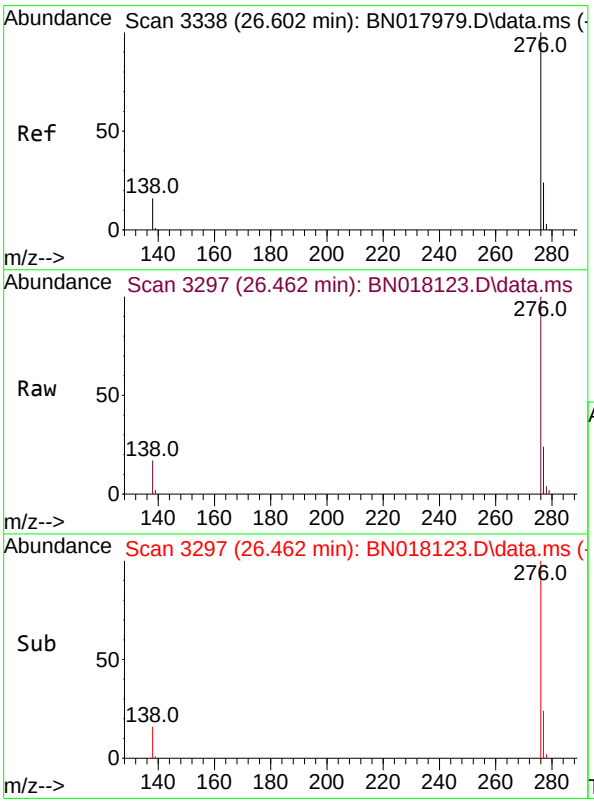
#40
Dibenzo(a,h)anthracene
Concen: 0.205 ng
RT: 25.788 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 33832

Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.8	16.2
279	25.6	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.246 ng
RT: 26.462 min Scan# 3297
Delta R.T. -0.003 min
Lab File: BN018123.D
Acq: 20 Dec 2021 15:34

Tgt Ion:276 Resp: 48770

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	16.6	12.6	19.0