Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018274.D
Acq On : 30 Dec 2021 00:14
Operator : CG/JU
Sample : PB141692BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 02:24:29 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	7.651	152	29197	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	120452	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	65438	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	116305	0.400	ng	# 0.00
29) Chrysene-d12	21.195	240	91489	0.400	ng	# 0.00
35) Perylene-d12	23.423	264	68076	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	21776	0.372	ng	0.04
5) Phenol-d6	6.840	99	19836	0.351	ng	0.00
8) Nitrobenzene-d5	8.784	82	27230	0.442	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	71373	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	5672	0.467	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	100231	0.405	ng	0.00
27) Fluoranthene-d10	19.038	212	117007	0.316	ng	0.00
31) Terphenyl-d14	19.649	244	91824	0.395	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.530	42	11475	0.478	ng	# 98
6) bis(2-Chloroethyl)ether	7.080	93	30000	0.432	ng	99
9) Naphthalene	10.470	128	117554	0.395	ng	100
10) Hexachlorobutadiene	10.761	225	32061	0.387	ng	# 100
12) 2-Methylnaphthalene	12.083	142	77373	0.405	ng	99
16) Acenaphthylene	13.977	152	91975	0.400	ng	100
17) Acenaphthene	14.319	154	65860	0.390	ng	99
18) Fluorene	15.309	166	78983	0.397	ng	100
20) 4,6-Dinitro-2-methylph...	15.423	198	288	0.323	ng	# 55
21) 4-Bromophenyl-phenylether	16.202	248	27722	0.392	ng	97
22) Hexachlorobenzene	16.324	284	36662	0.407	ng	99
23) Atrazine	16.482	200	15282	0.395	ng	96
24) Pentachlorophenol	16.665	266	6558	0.717	ng	99
25) Phenanthrene	17.042	178	119142	0.389	ng	100
26) Anthracene	17.139	178	97235	0.386	ng	100
28) Fluoranthene	19.068	202	138337	0.385	ng	100
30) Pyrene	19.430	202	135969	0.379	ng	100
32) Benzo(a)anthracene	21.174	228	95672	0.380	ng	99
33) Chrysene	21.227	228	114318	0.388	ng	100
34) Bis(2-ethylhexyl)phtha...	21.121	149	41070	0.360	ng	99
36) Indeno(1,2,3-cd)pyrene	25.685	276	68547	0.422	ng	99
37) Benzo(b)fluoranthene	22.752	252	89390	0.413	ng	100
38) Benzo(k)fluoranthene	22.793	252	85851	0.419	ng	100
39) Benzo(a)pyrene	23.323	252	74572	0.396	ng	99
40) Dibenzo(a,h)anthracene	25.706	278	49597	0.428	ng	98
41) Benzo(g,h,i)perylene	26.373	276	67478	0.416	ng	99

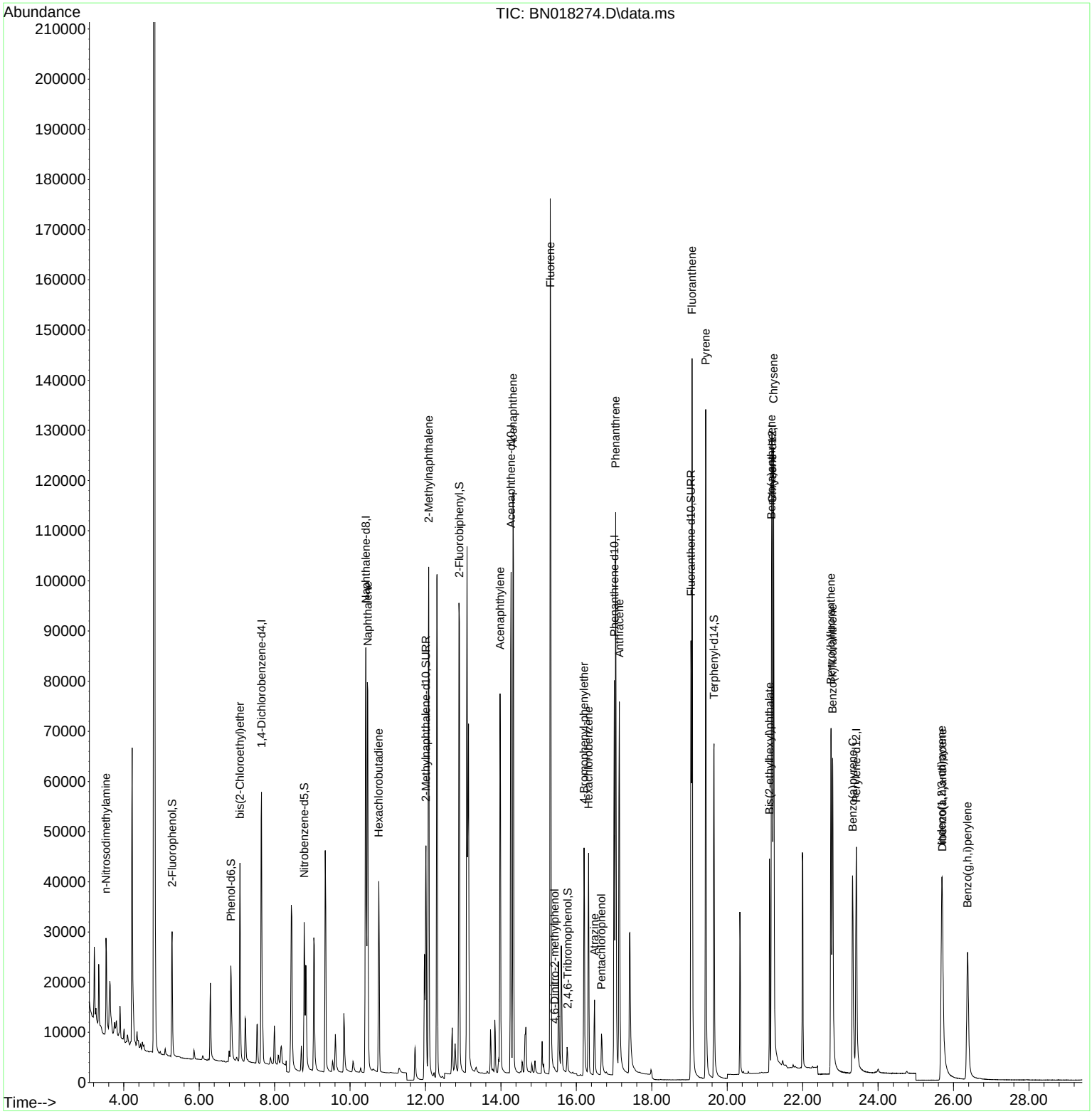
(#) = qualifier out of range (m) = manual integration (+) = signals summed

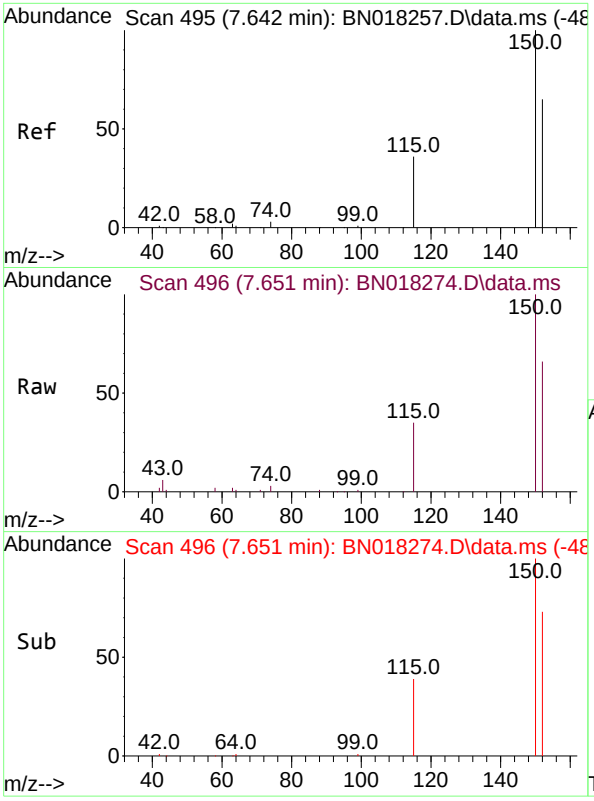
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018274.D
Acq On : 30 Dec 2021 00:14
Operator : CG/JU
Sample : PB141692BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 02:24:29 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



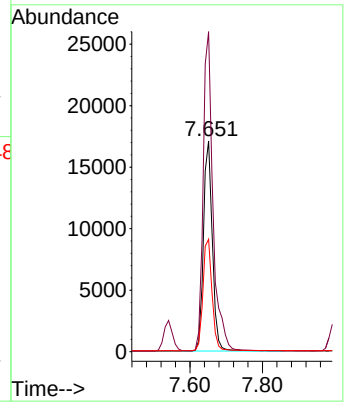


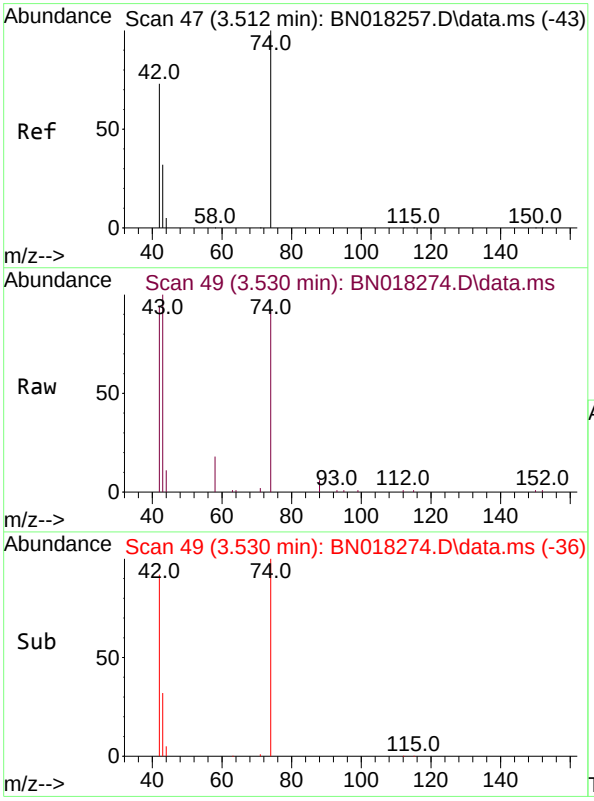
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.651 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 29197

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.7	182.5
115	53.4	43.8	65.8

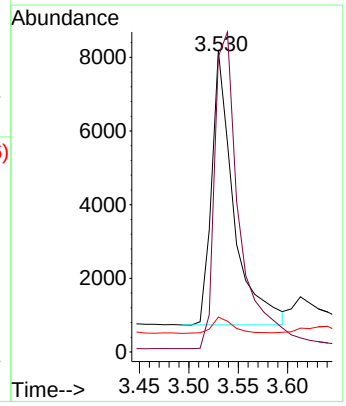


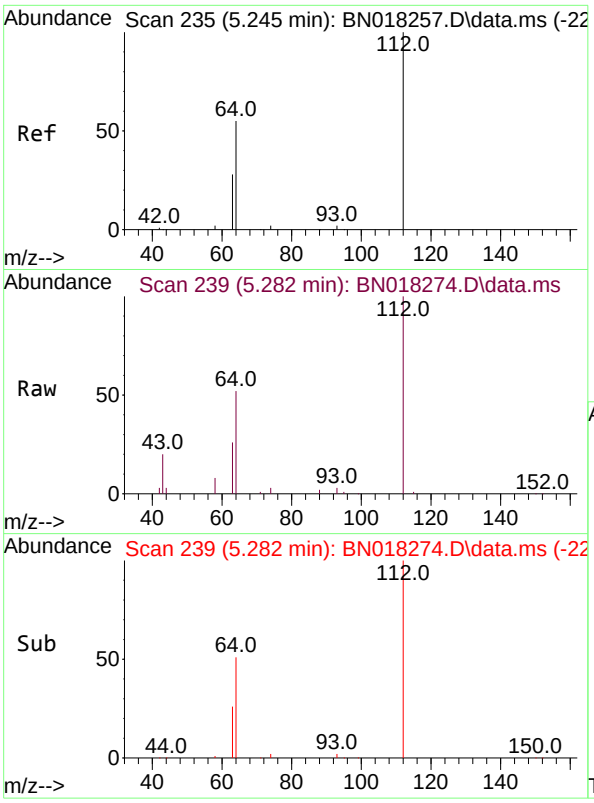


#3
n-Nitrosodimethylamine
Concen: 0.478 ng
RT: 3.530 min Scan# 49
Delta R.T. 0.018 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion: 42 Resp: 11475

Ion	Ratio	Lower	Upper
42	100		
74	133.9	108.6	163.0
44	5.6	5.8	8.8#



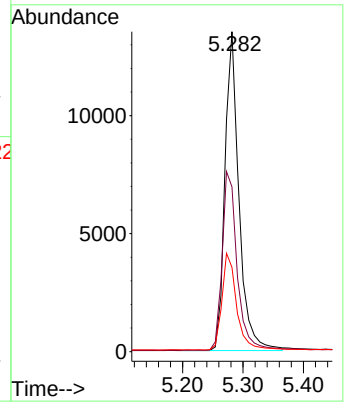


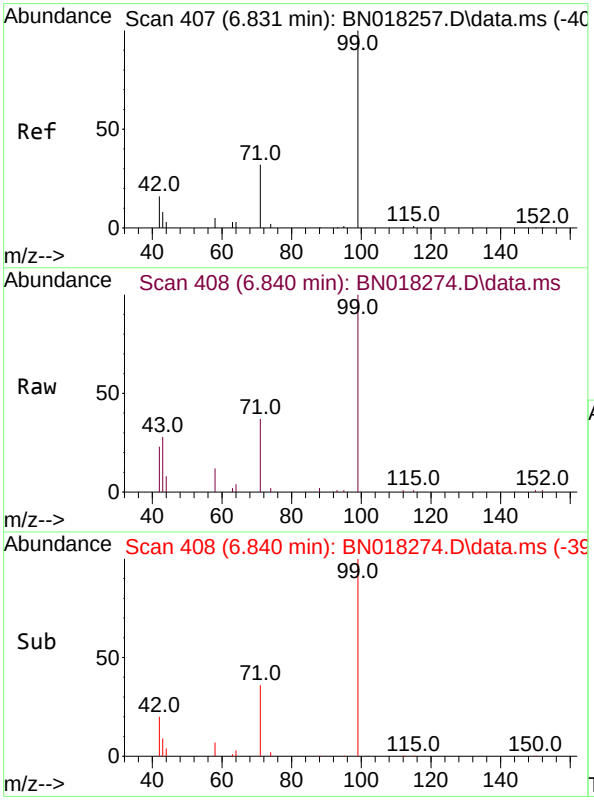
#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.282 min Scan# 2
Delta R.T. 0.037 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 21776

Ion	Ratio	Lower	Upper
112	100		
64	59.9	48.0	72.0
63	31.7	25.3	37.9

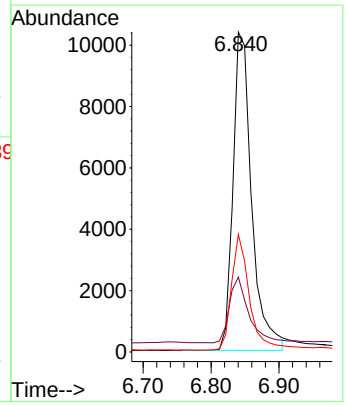


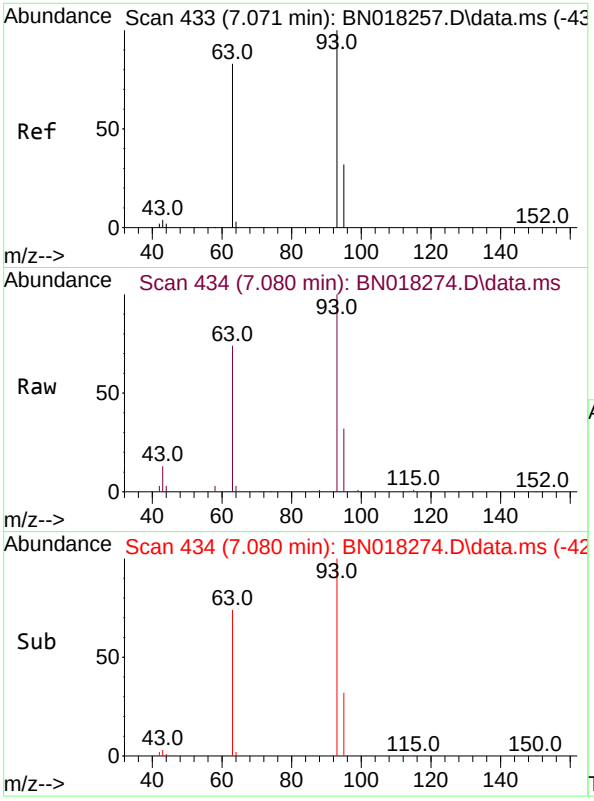


#5
Phenol-d6
Concen: 0.351 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion: 99 Resp: 19836

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.3	24.5
71	34.6	26.8	40.2



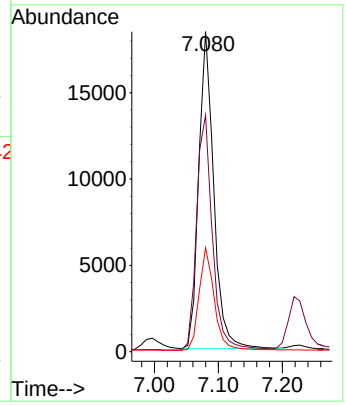


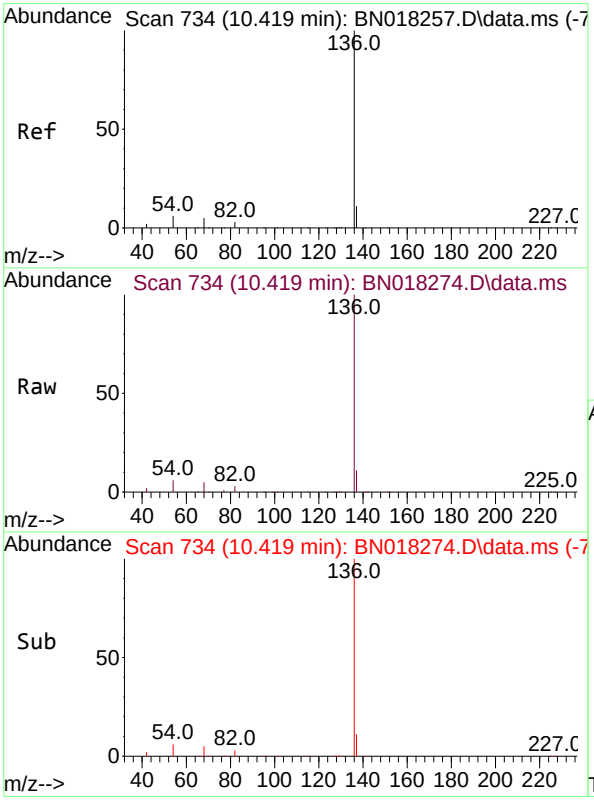
#6
bis(2-Chloroethyl)ether
Concen: 0.432 ng
RT: 7.080 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 30000

Ion	Ratio	Lower	Upper
93	100		
63	78.3	61.7	92.5
95	32.9	26.2	39.4

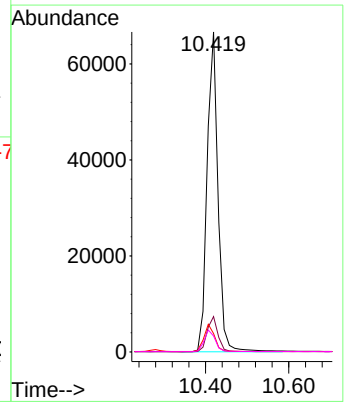


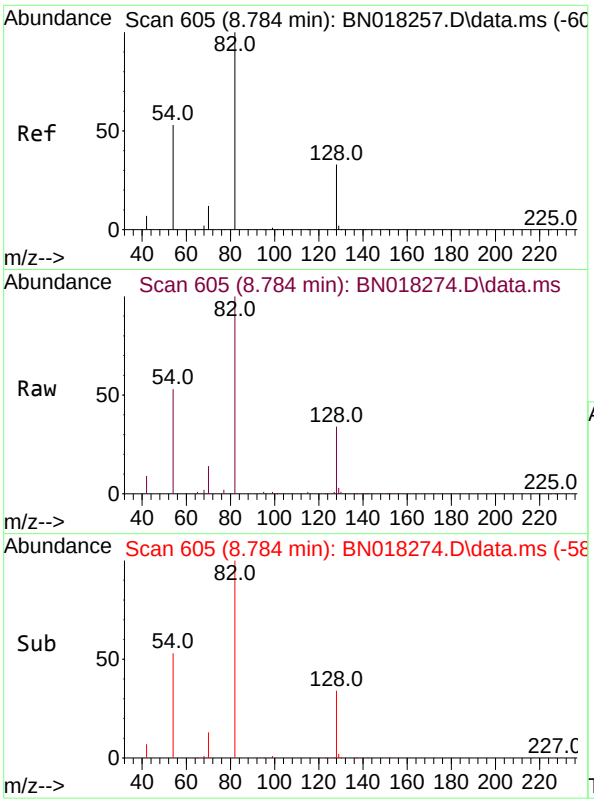


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:136 Resp: 120452

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.7	5.0	7.6
68	5.0	4.4	6.6



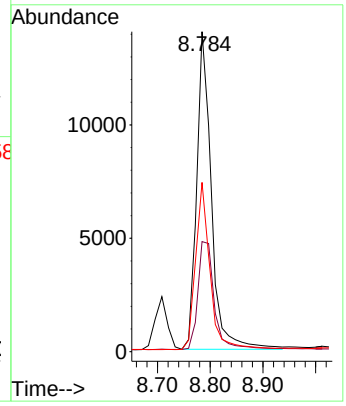


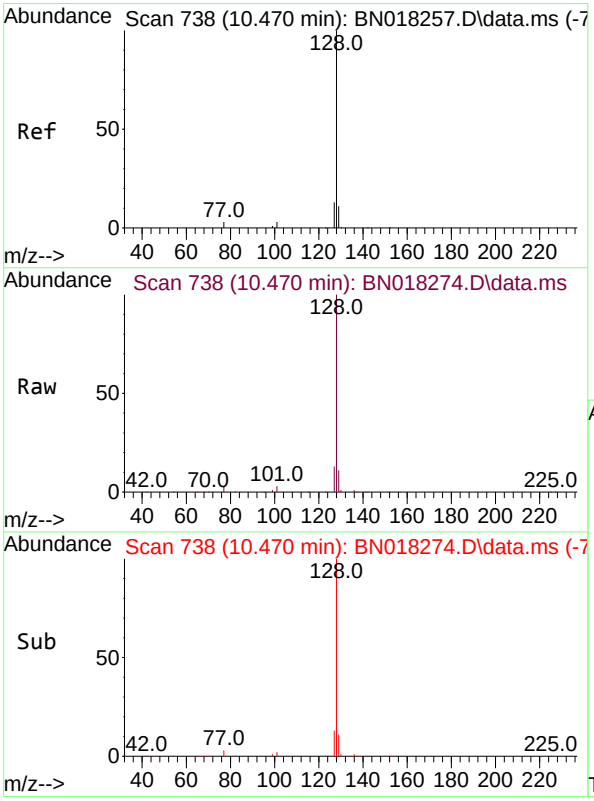
#8
Nitrobenzene-d5
Concen: 0.442 ng
RT: 8.784 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 27230

Ion	Ratio	Lower	Upper
82	100		
128	34.4	33.7	50.5
54	52.9	36.6	55.0

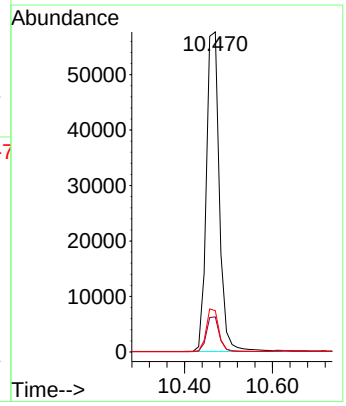


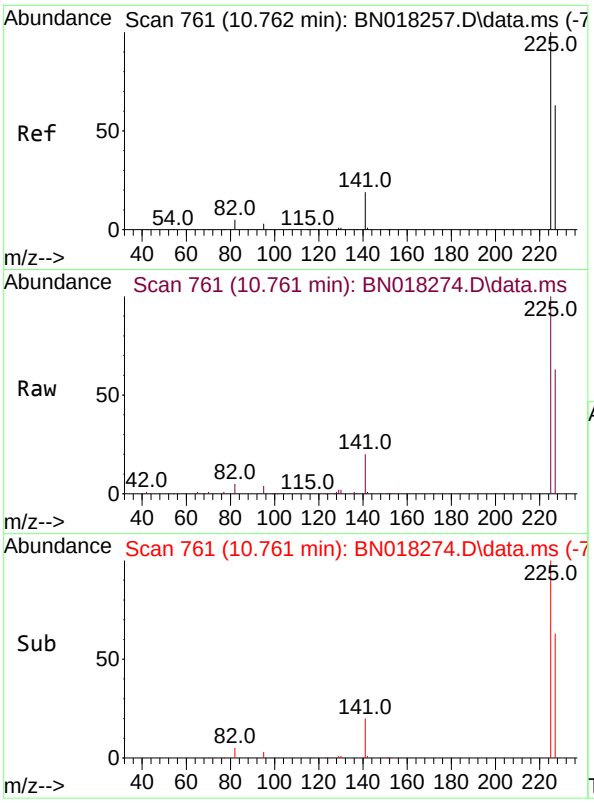


#9
Naphthalene
Concen: 0.395 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:128 Resp: 117554

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.4	15.6



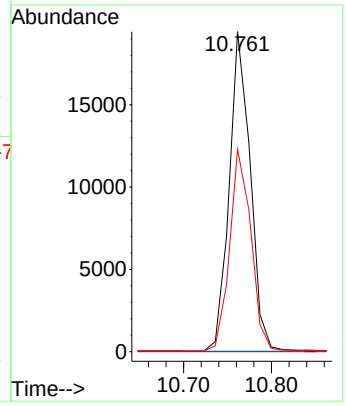


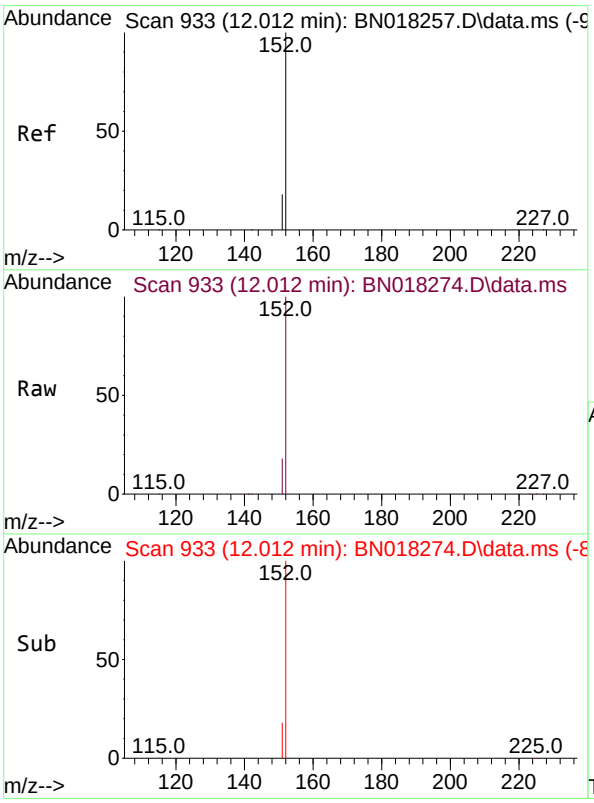
#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.761 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 32061

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.0	76.6

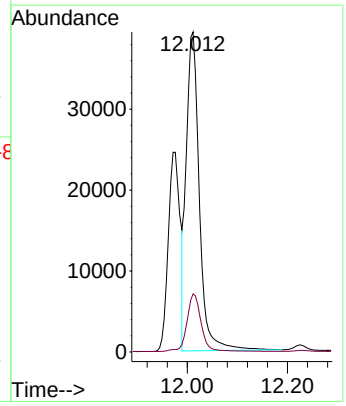


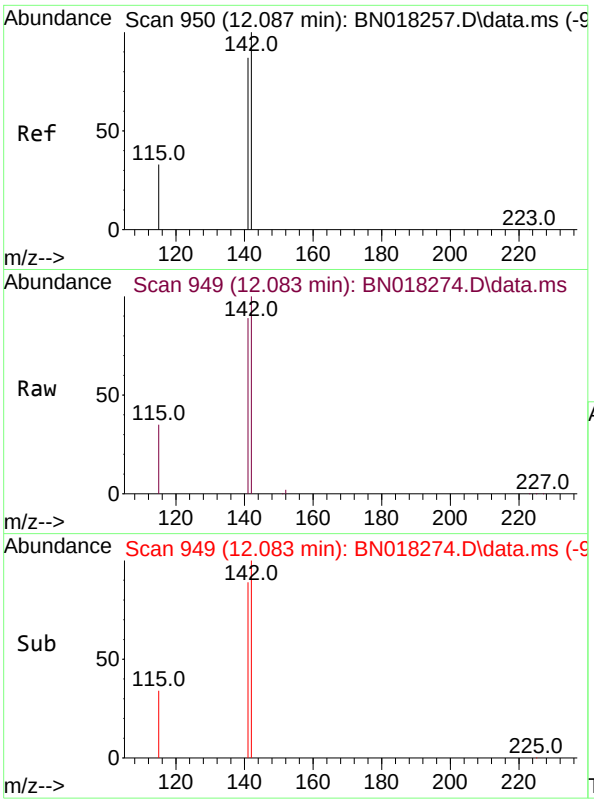


#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:152 Resp: 71373

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2



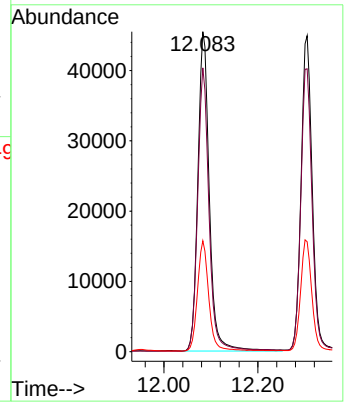


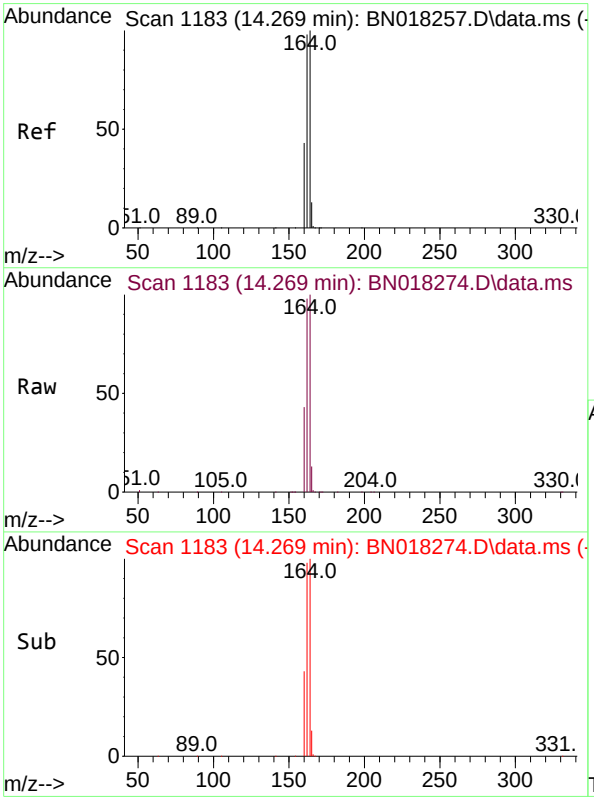
#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.083 min Scan# 94
Delta R.T. -0.005 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 77373

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.0	105.0
115	34.7	27.8	41.8

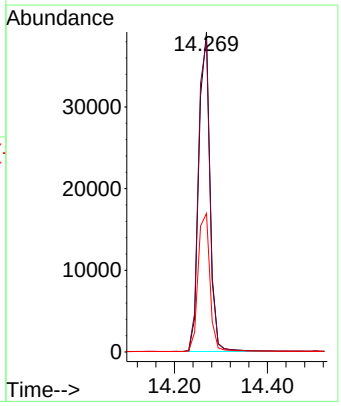


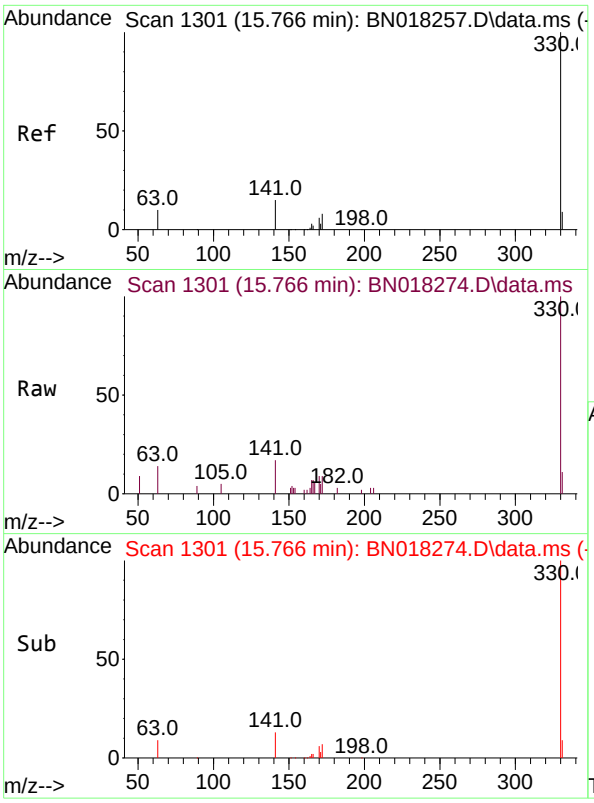


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:164 Resp: 65438

Ion	Ratio	Lower	Upper
164	100		
162	97.6	80.2	120.2
160	43.3	36.9	55.3



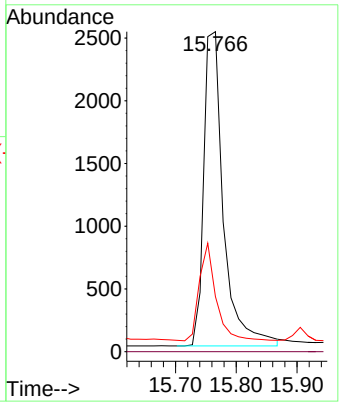


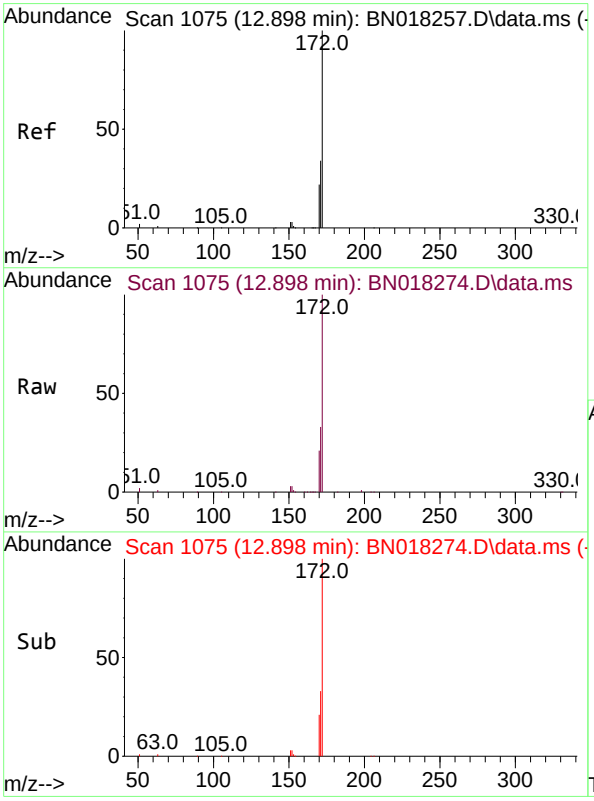
#14
2,4,6-Tribromophenol
Concen: 0.467 ng
RT: 15.766 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 5672

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.8	21.3	31.9

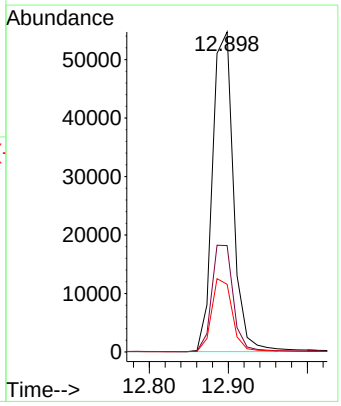


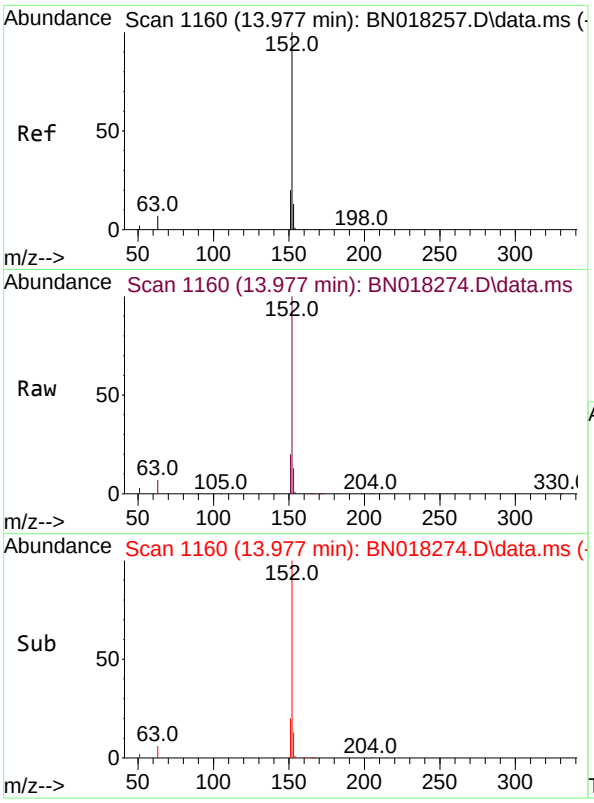


#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:172 Resp: 100231

Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.4	41.0
170	21.2	18.4	27.6



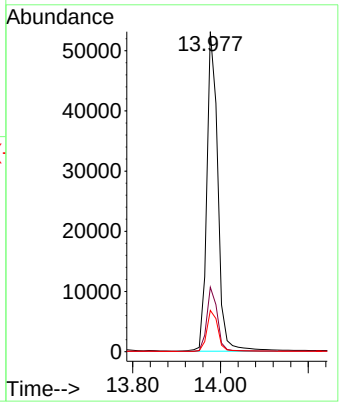


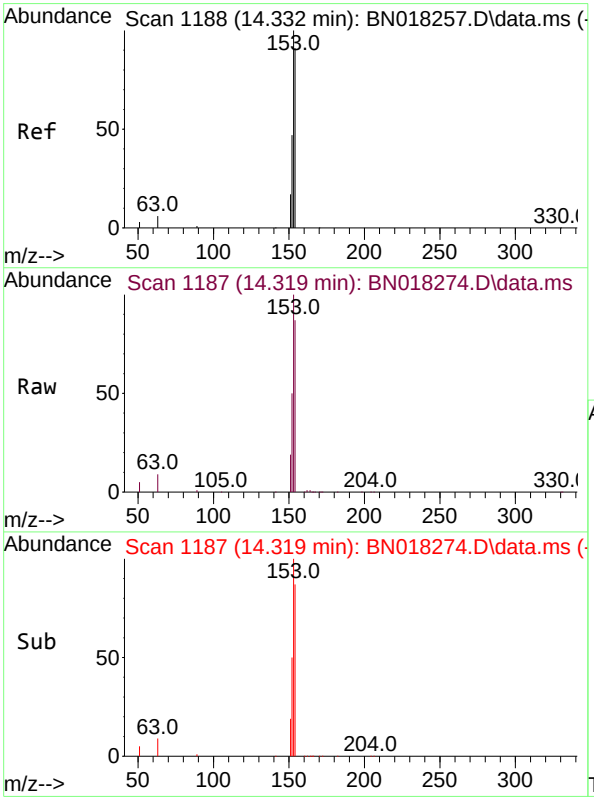
#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 91975

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

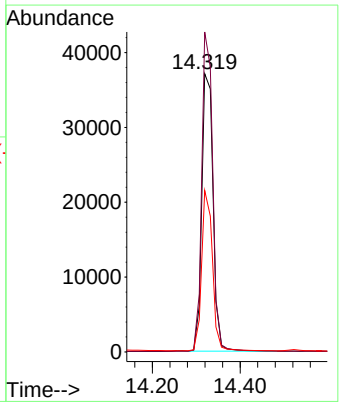


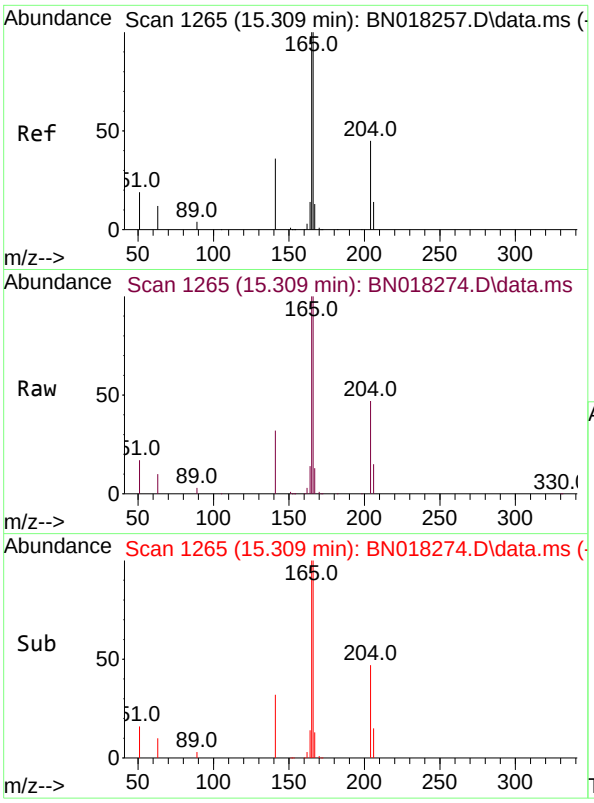


#17
Acenaphthene
Concen: 0.390 ng
RT: 14.319 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:154 Resp: 65860

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.9	136.3
152	55.6	45.0	67.4



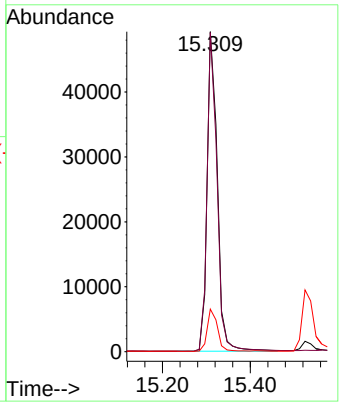


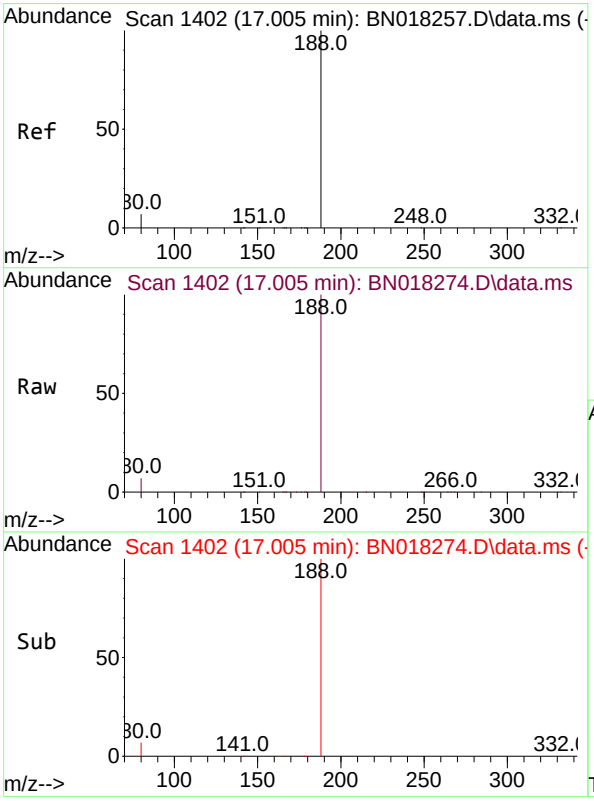
#18
Fluorene
Concen: 0.397 ng
RT: 15.309 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 78983

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	13.4	10.9	16.3

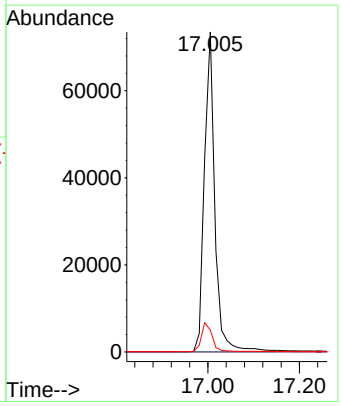


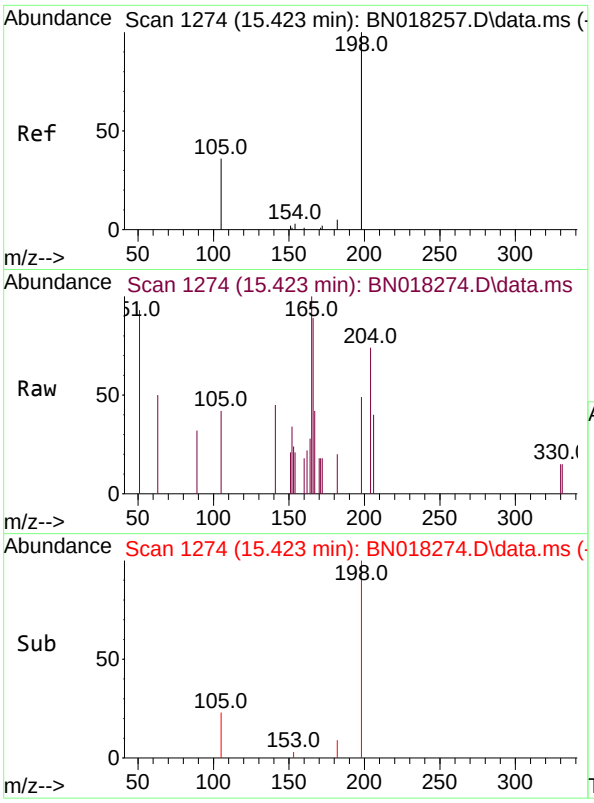


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:188 Resp: 116305

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.0	10.4#



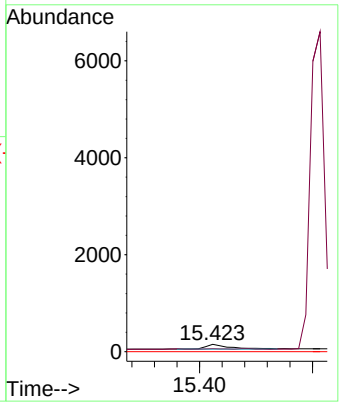


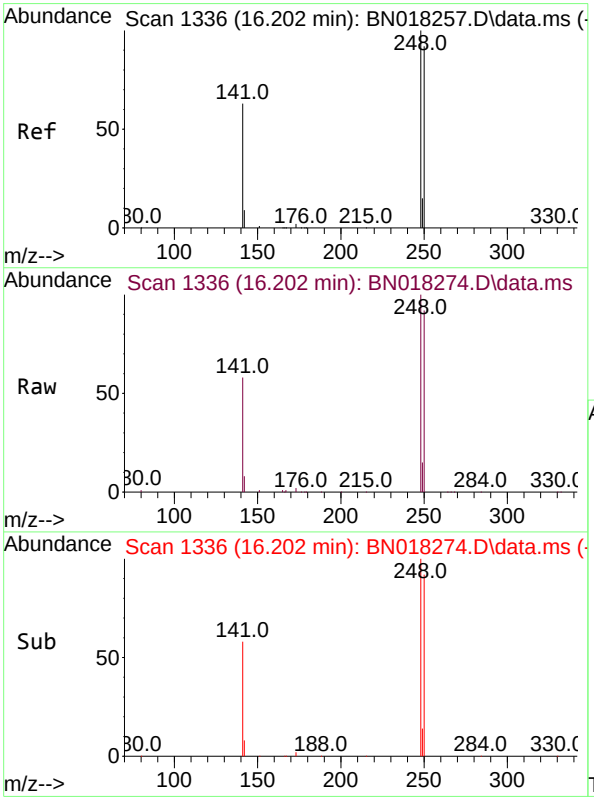
#20
4,6-Dinitro-2-methylphenol
Concen: 0.323 ng
RT: 15.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 288

Ion	Ratio	Lower	Upper
198	100		
182	39.7	15.5	23.3#
77	0.0	0.0	0.0

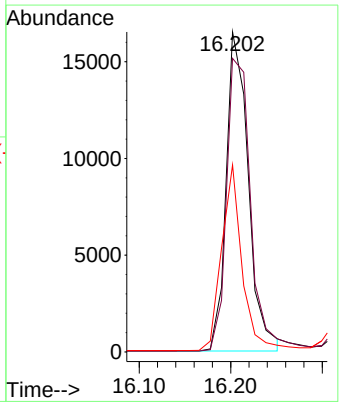


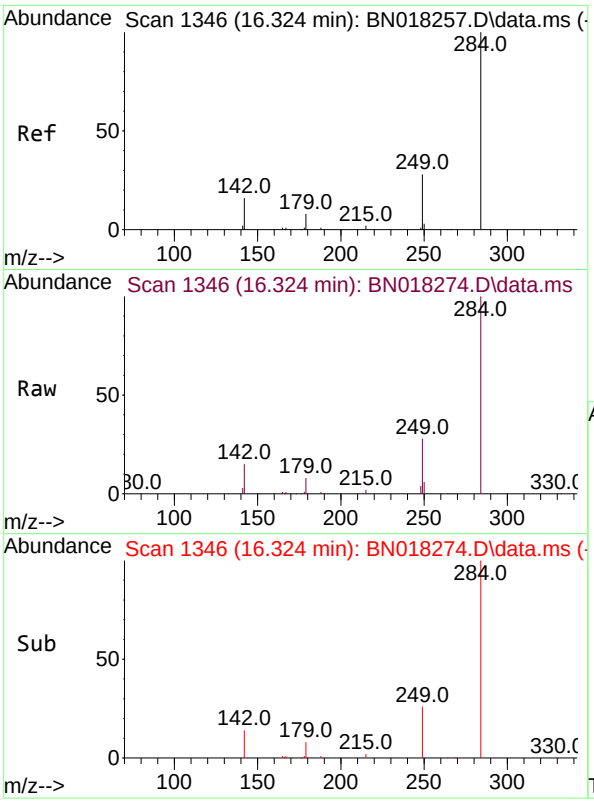


#21
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.202 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:248 Resp: 27722

Ion	Ratio	Lower	Upper
248	100		
250	91.7	74.4	111.6
141	58.4	43.7	65.5



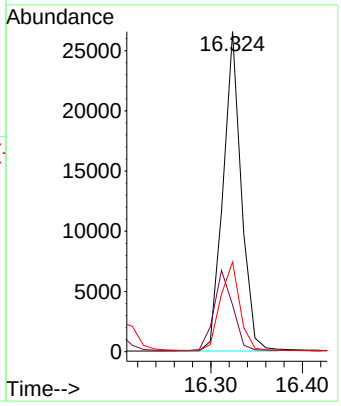


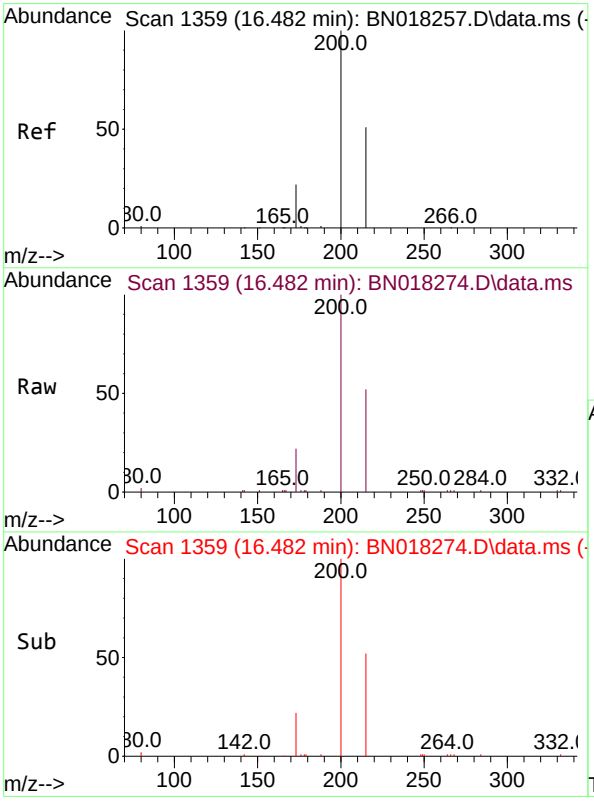
#22
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.324 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 36662

Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.6	32.4
249	29.2	23.5	35.3

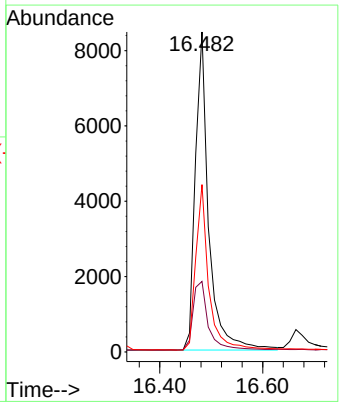


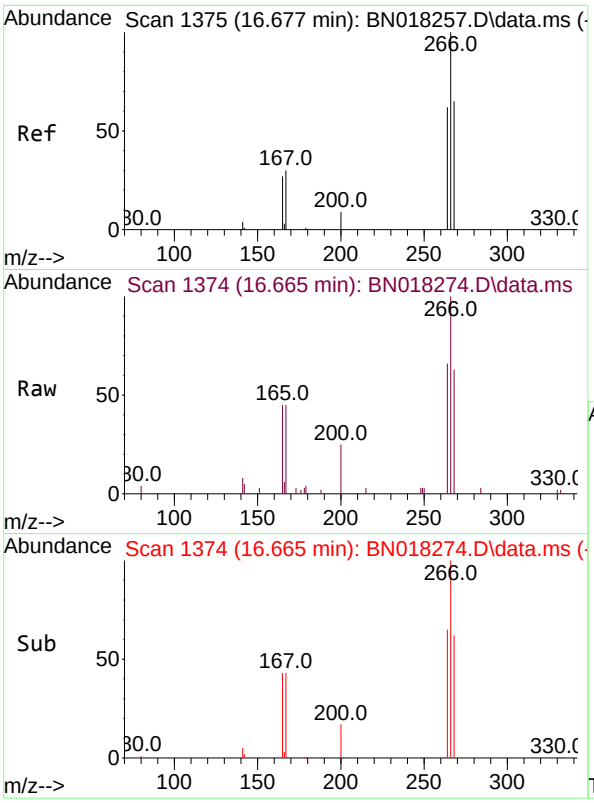


#23
Atrazine
Concen: 0.395 ng
RT: 16.482 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:200 Resp: 15282

Ion	Ratio	Lower	Upper
200	100		
173	22.1	20.3	30.5
215	52.3	40.4	60.6



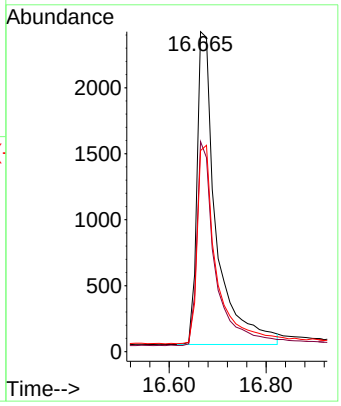


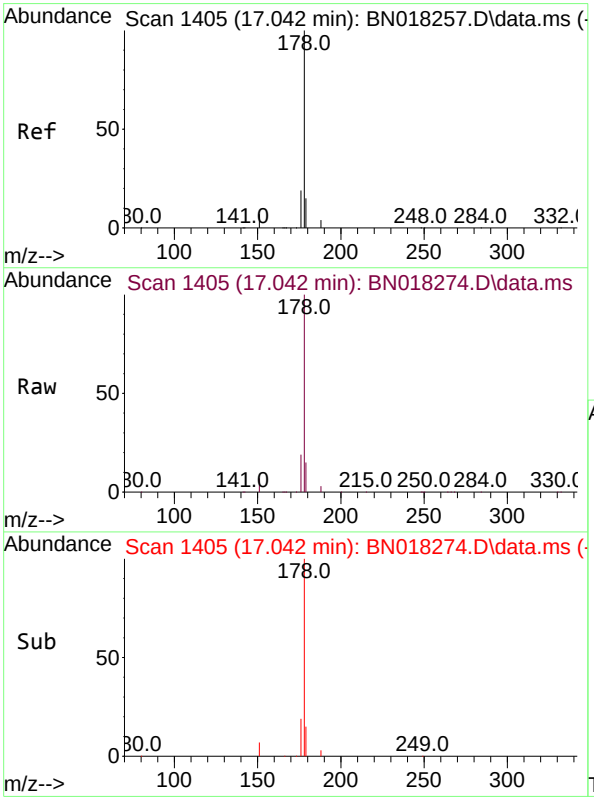
#24
Pentachlorophenol
Concen: 0.717 ng
RT: 16.665 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 6558

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.5	74.3
268	63.8	50.6	76.0

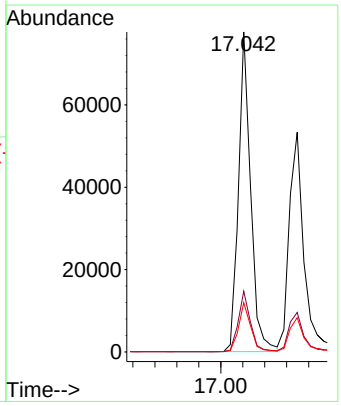


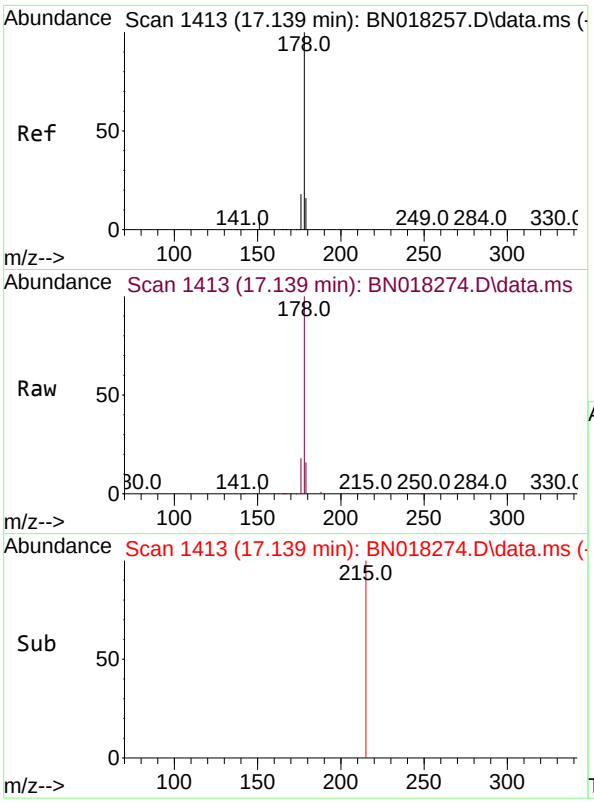


#25
Phenanthrene
Concen: 0.389 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:178 Resp: 119142

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.3	18.5



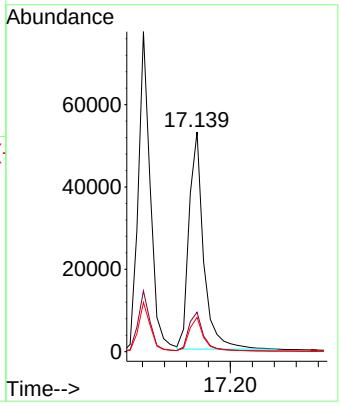


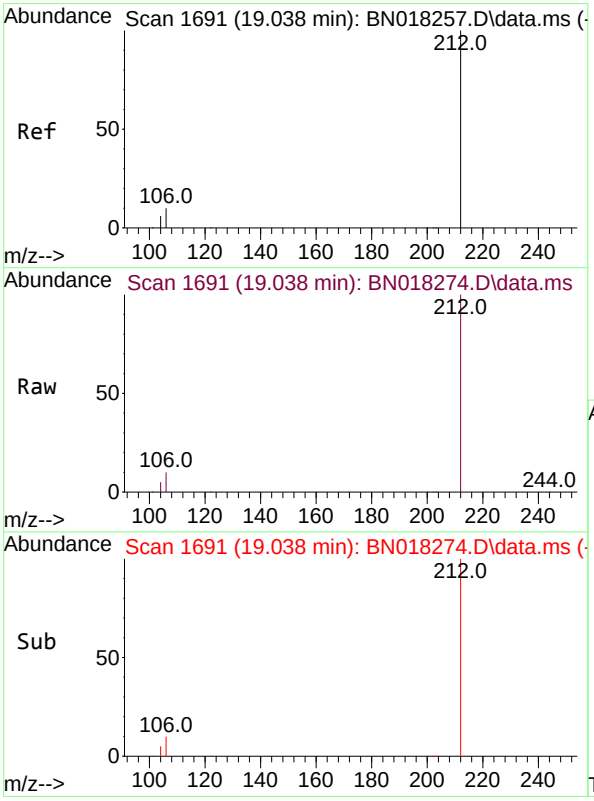
#26
Anthracene
Concen: 0.386 ng
RT: 17.139 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 97235

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.3	12.2	18.4

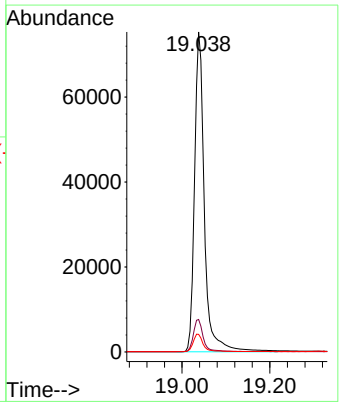


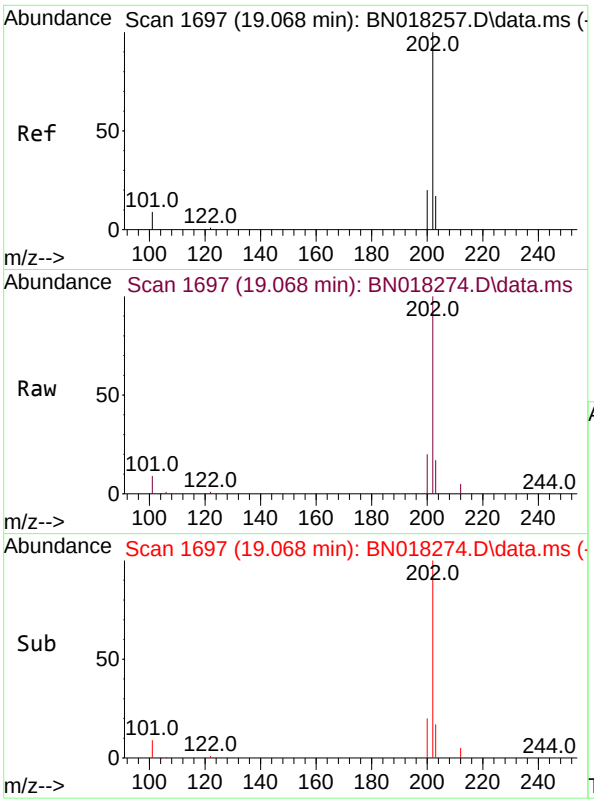


#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:212 Resp: 117007

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.5	4.5	6.7



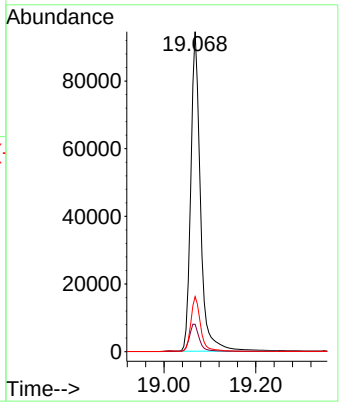


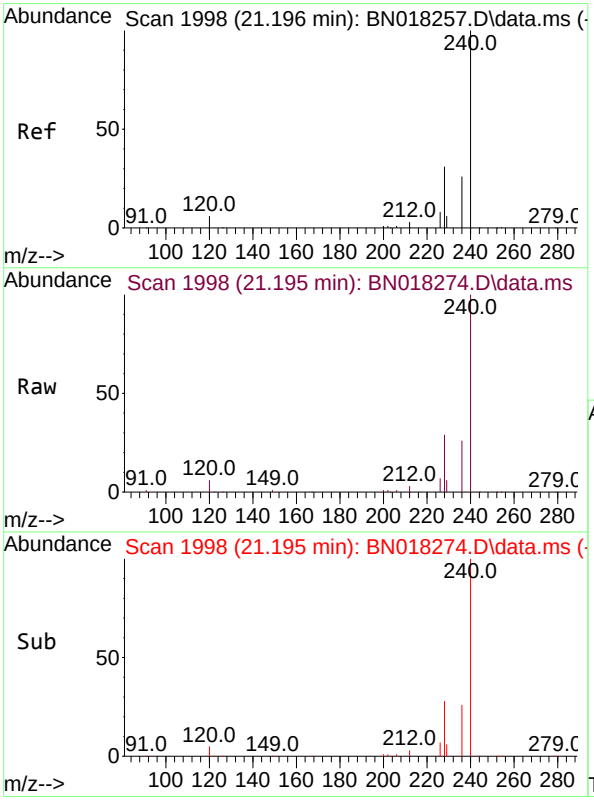
#28
Fluoranthene
Concen: 0.385 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 138337

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.2	13.7	20.5

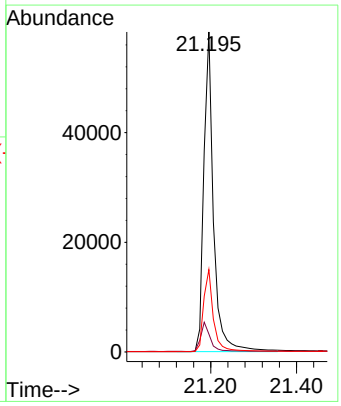


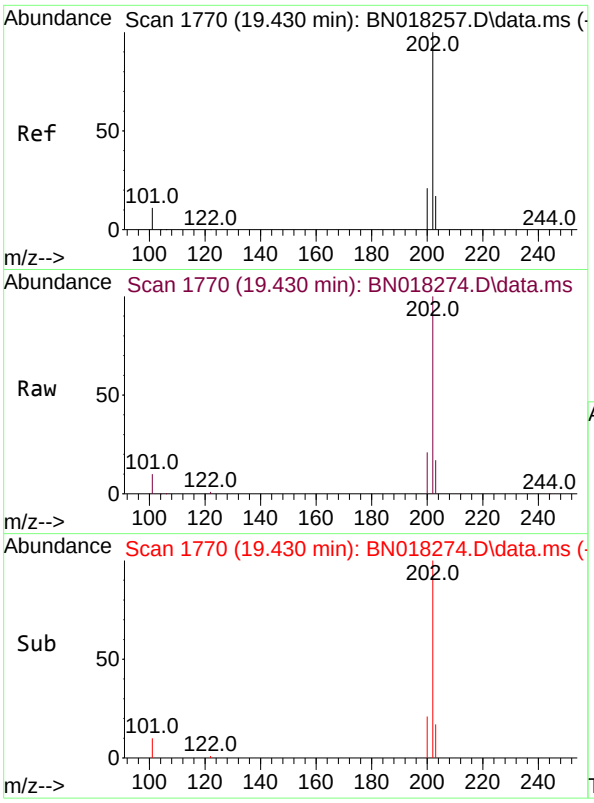


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:240 Resp: 91489

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.0	9.0#
236	25.7	21.4	32.2



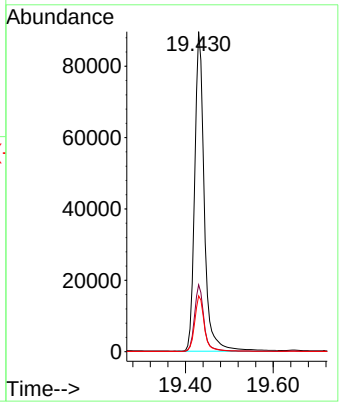


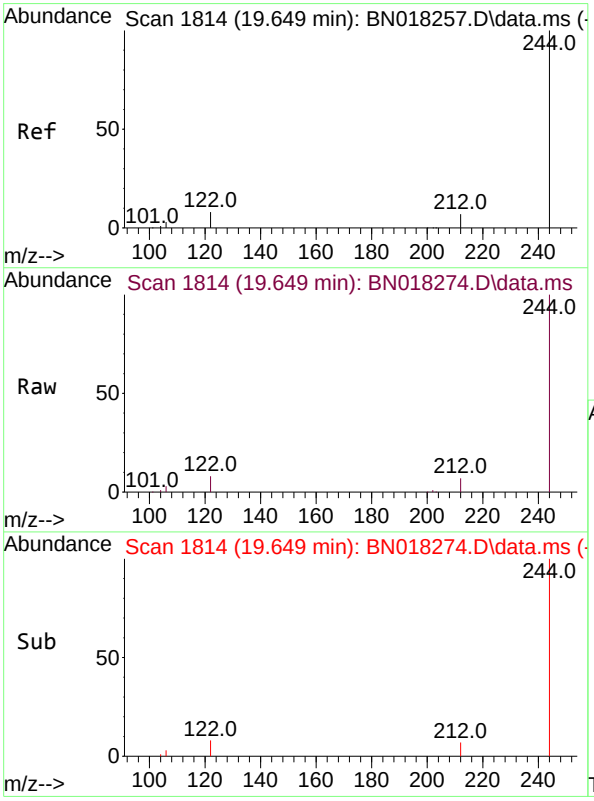
#30
Pyrene
Concen: 0.379 ng
RT: 19.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 135969

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	14.1	21.1

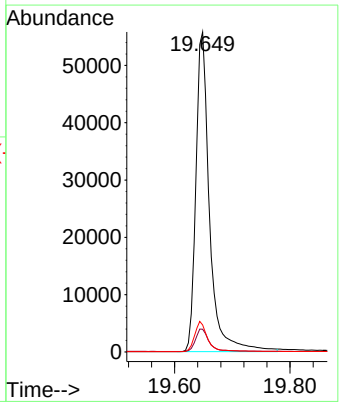


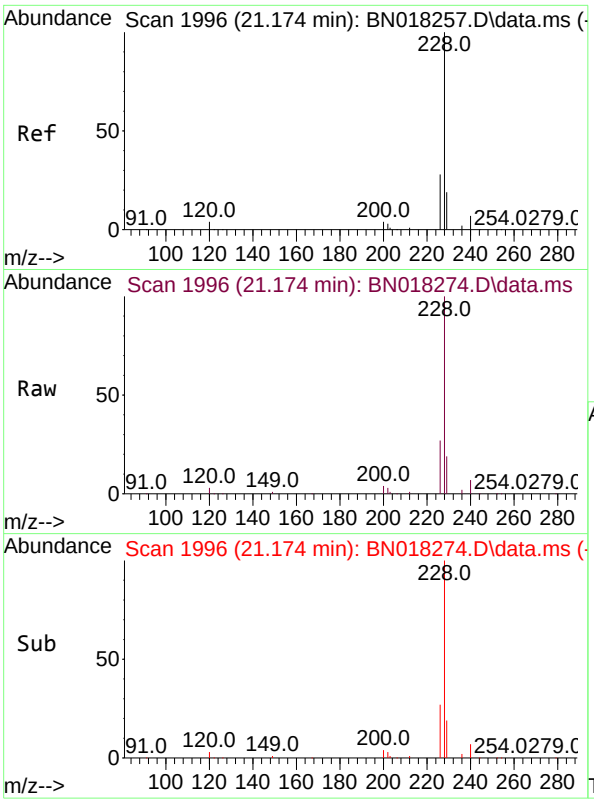


#31
Terphenyl-d14
Concen: 0.395 ng
RT: 19.649 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:244 Resp: 91824

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.5	7.9	11.9



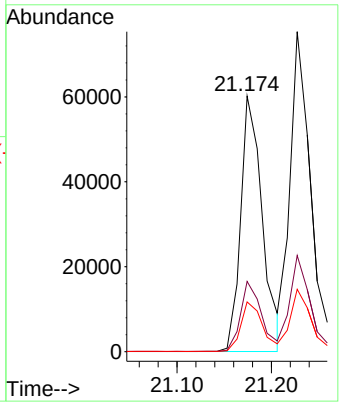


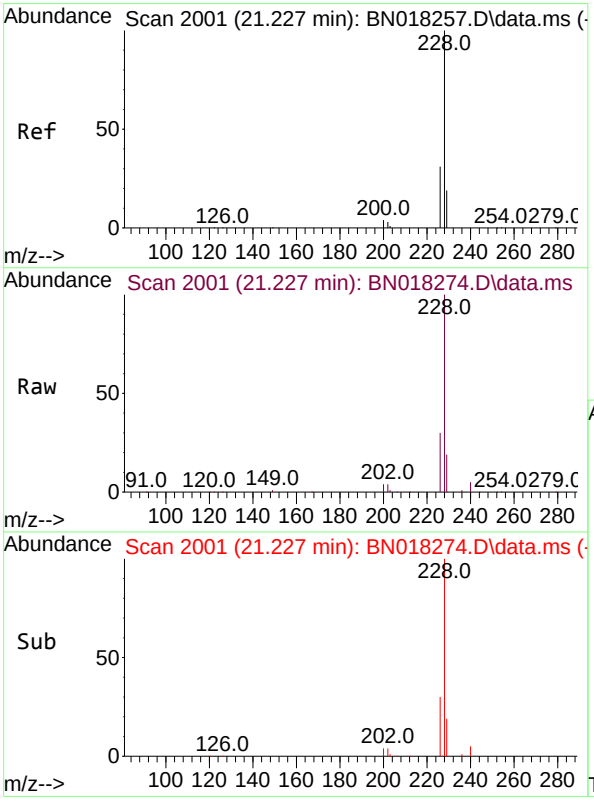
#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 95672

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	19.5	15.9	23.9

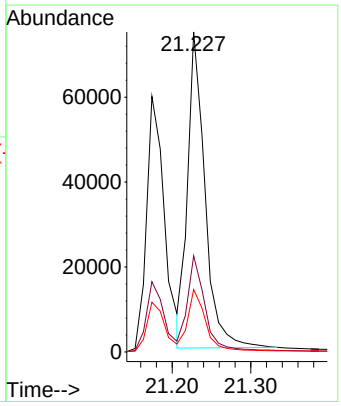


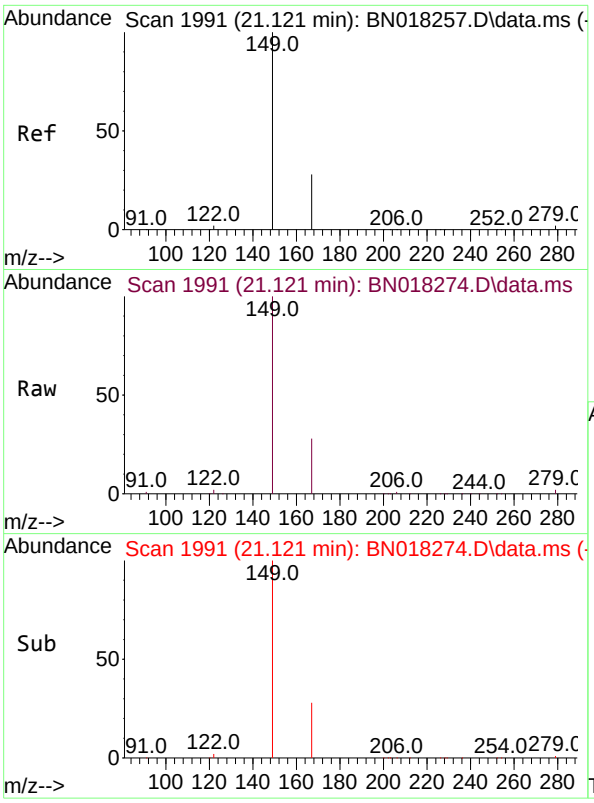


#33
Chrysene
Concen: 0.388 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:228 Resp: 114318

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.5	15.5	23.3



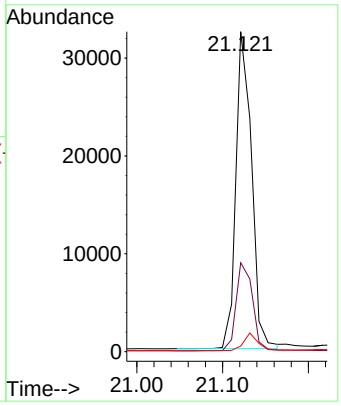


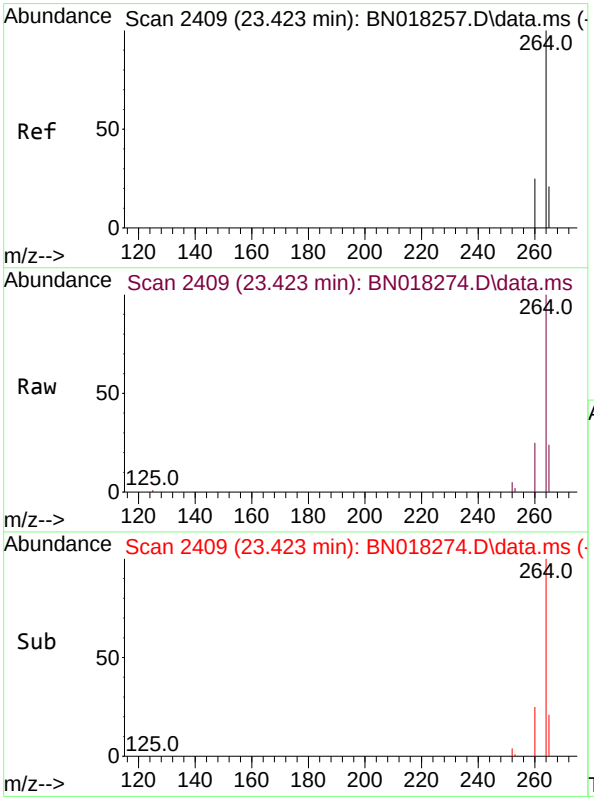
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.360 ng
RT: 21.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 41070

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.2	3.6	5.4

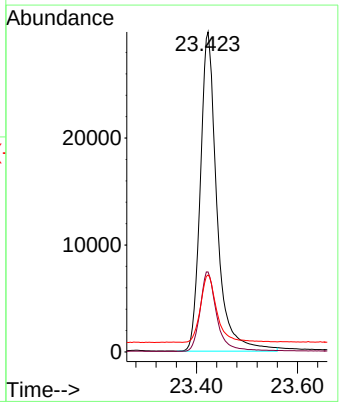


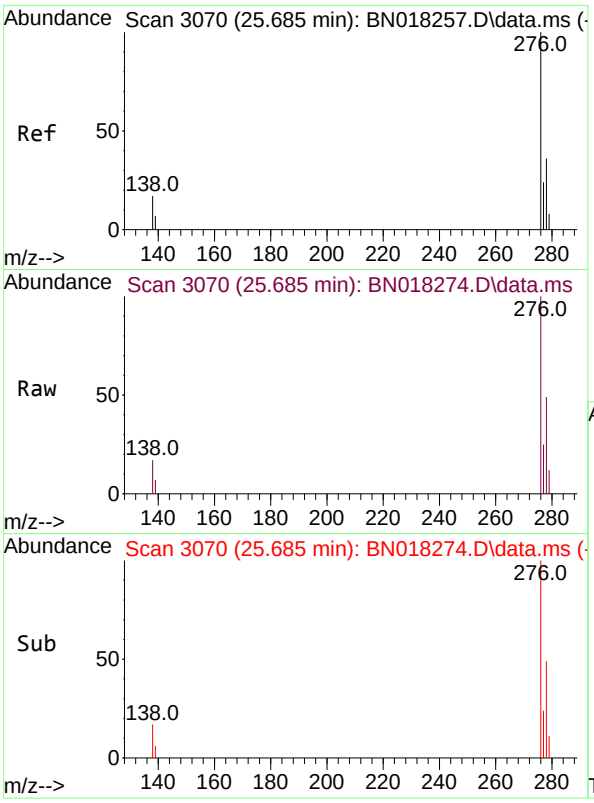


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:264 Resp: 68076

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.4
265	24.1	18.2	27.2



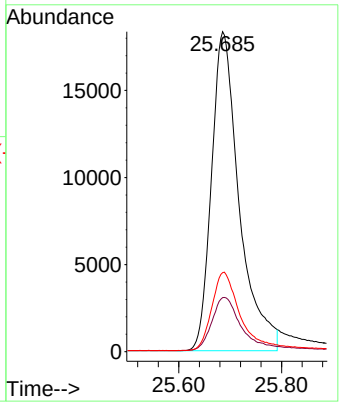


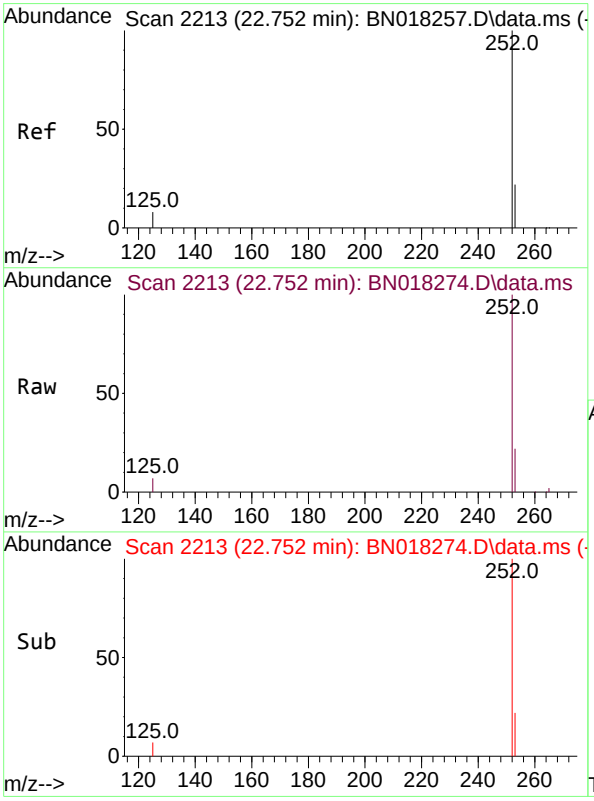
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 25.685 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 68547

Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.9	22.3
277	24.8	19.9	29.9

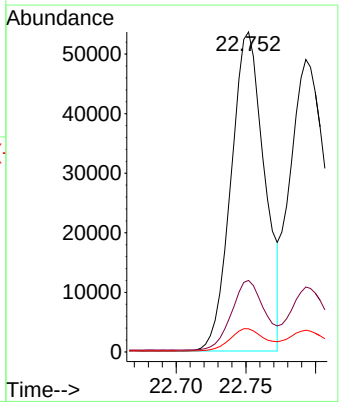


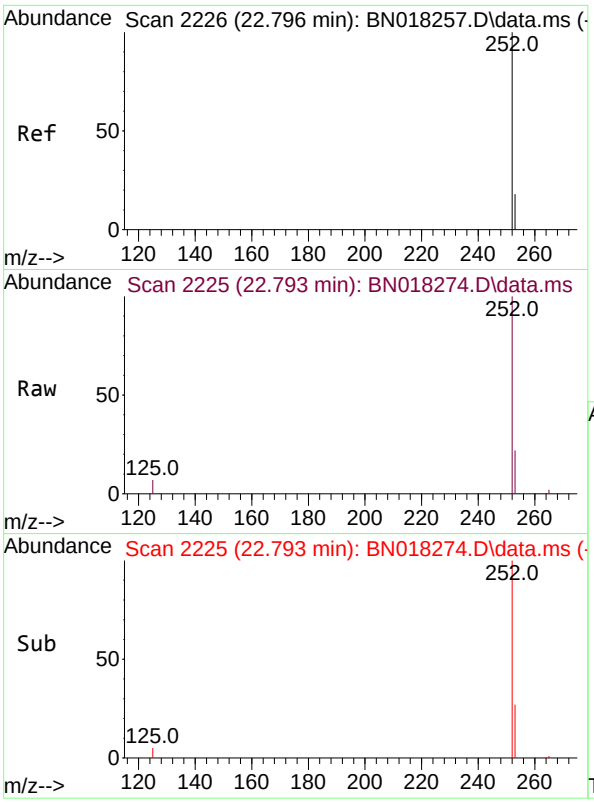


#37
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 22.752 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:252 Resp: 89390

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.3	6.0	9.0



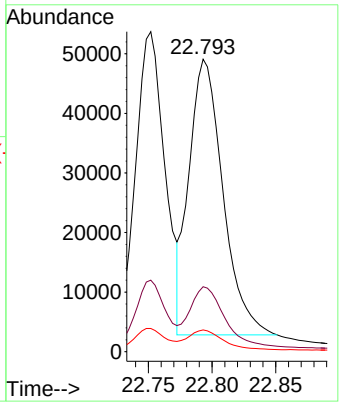


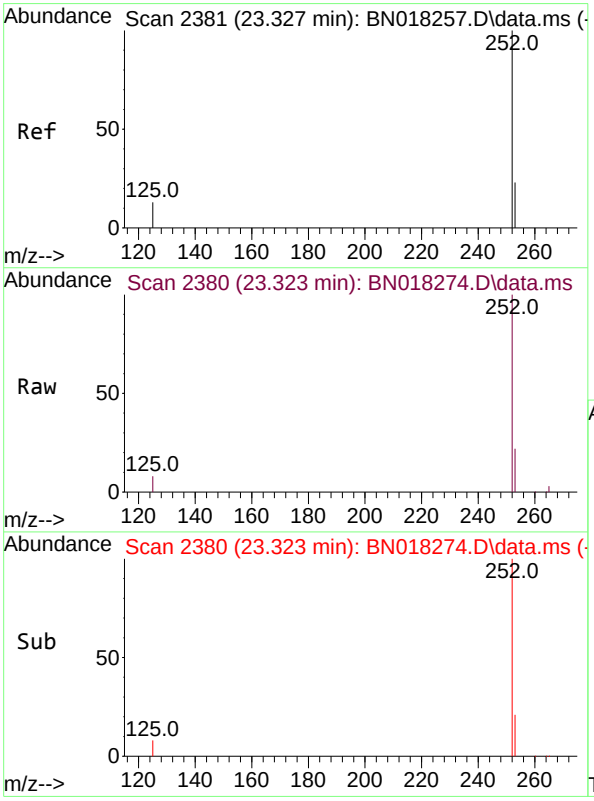
#38
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 22.793 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 85851

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	7.4	6.2	9.2

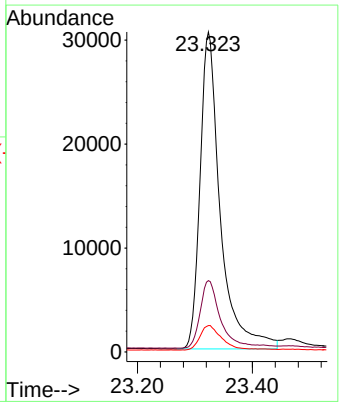


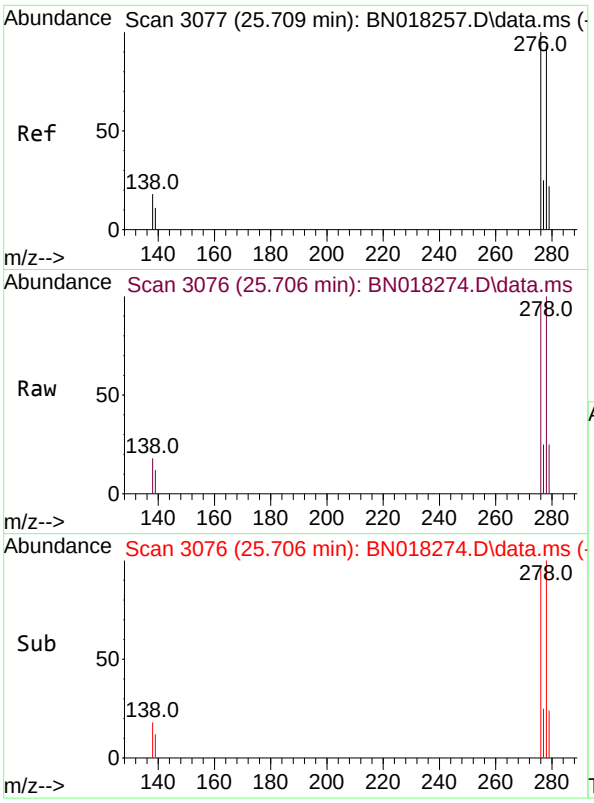


#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.323 min Scan# 2380
Delta R.T. -0.004 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:252 Resp: 74572

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.3	7.0	10.4



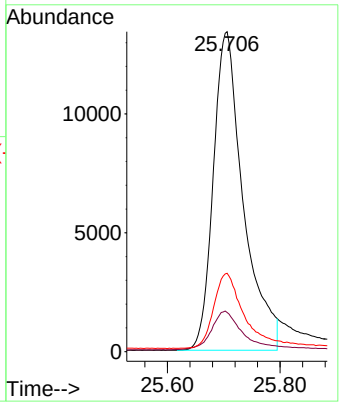


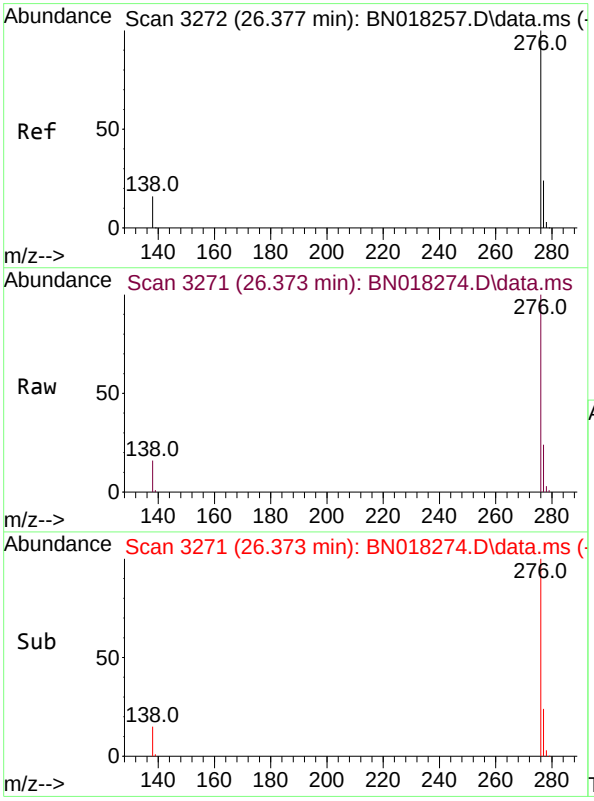
#40
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 25.706 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 49597

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.8	16.2
279	24.5	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 26.373 min Scan# 3271
Delta R.T. -0.004 min
Lab File: BN018274.D
Acq: 30 Dec 2021 00:14

Tgt Ion:276 Resp: 67478

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	15.9	12.6	19.0