Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018275.D
Acq On : 30 Dec 2021 00:50
Operator : CG/JU
Sample : M5107-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Quant Time: Dec 30 02:24:38 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

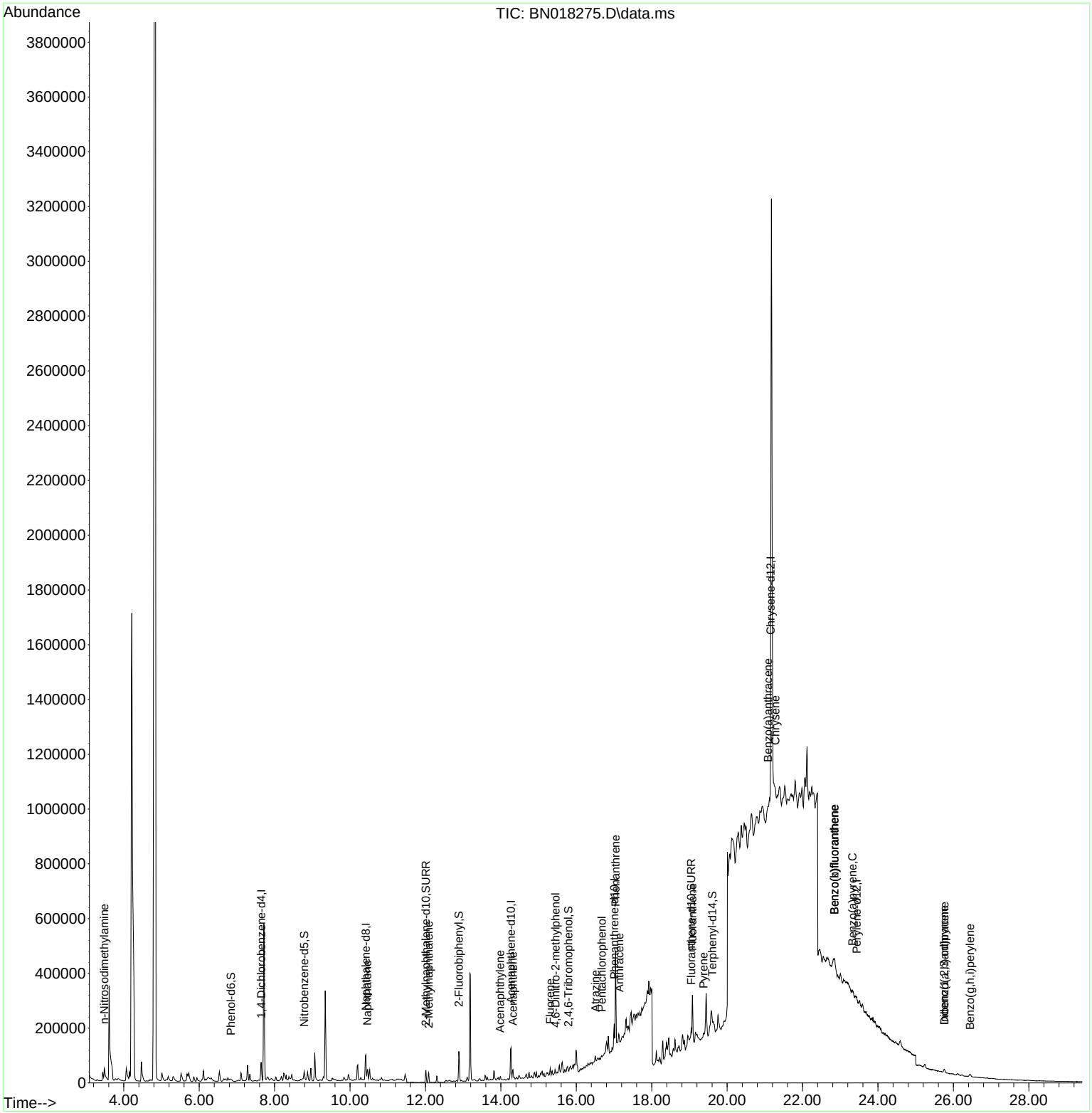
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25501	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	107578	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	73017	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	125796	0.400	ng	# 0.00
29) Chrysene-d12	21.153	240	4728	0.400	ng	#-0.04
35) Perylene-d12	23.440	264	535	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	235	0.005	ng	0.03
5) Phenol-d6	6.840	99	2548	0.052	ng	0.00
8) Nitrobenzene-d5	8.784	82	24784	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	59444	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	325	0.313	ng	0.03
15) 2-Fluorobiphenyl	12.886	172	94564	0.342	ng	-0.01
27) Fluoranthene-d10	19.048	212	70621	0.176	ng	0.00
31) Terphenyl-d14	19.609	244	8145	0.678	ng	-0.04
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.484	42	15411	0.736	ng	# 1
9) Naphthalene	10.457	128	59278	0.223	ng	98
12) 2-Methylnaphthalene	12.083	142	26617	0.156	ng	97
16) Acenaphthylene	13.977	152	9971	0.039	ng	# 79
17) Acenaphthene	14.320	154	9249	0.049	ng	86
18) Fluorene	15.309	166	11609	0.052	ng	# 74
20) 4,6-Dinitro-2-methylph...	15.449	198	326	0.328	ng	# 1
23) Atrazine	16.506	200	3907	0.196	ng	# 1
24) Pentachlorophenol	16.677	266	1574	0.310	ng	# 63
25) Phenanthrene	17.042	178	332248	1.002	ng	# 93
26) Anthracene	17.139	178	31087	0.144	ng	# 55
28) Fluoranthene	19.078	202	178580	0.460	ng	97
30) Pyrene	19.376	202	12801	0.690	ng	# 40
32) Benzo(a)anthracene	21.089	228	15306	1.058	ng	# 1
33) Chrysene	21.281	228	101341	6.658	ng	# 1
36) Indeno(1,2,3-cd)pyrene	25.754	276	18075	14.147	ng	# 78
37) Benzo(b)fluoranthene	22.844	252	97889	57.577	ng	# 1
38) Benzo(k)fluoranthene	22.844	252	56181	34.904	ng	# 1
39) Benzo(a)pyrene	23.324	252	31726	21.449	ng	# 1
40) Dibenzo(a,h)anthracene	25.761	278	7337	8.056	ng	# 1
41) Benzo(g,h,i)perylene	26.442	276	21986	17.250	ng	# 13

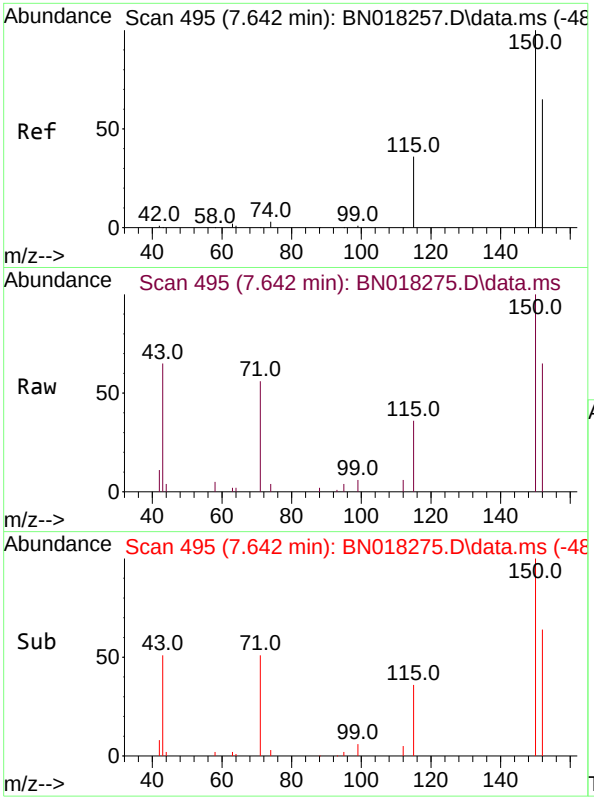
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018275.D
Acq On : 30 Dec 2021 00:50
Operator : CG/JU
Sample : M5107-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Quant Time: Dec 30 02:24:38 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



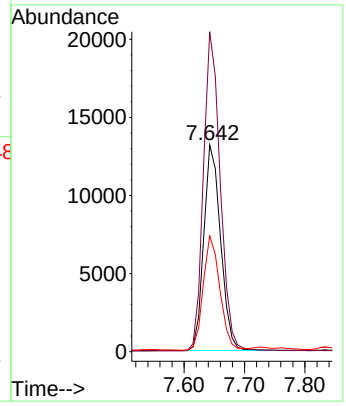


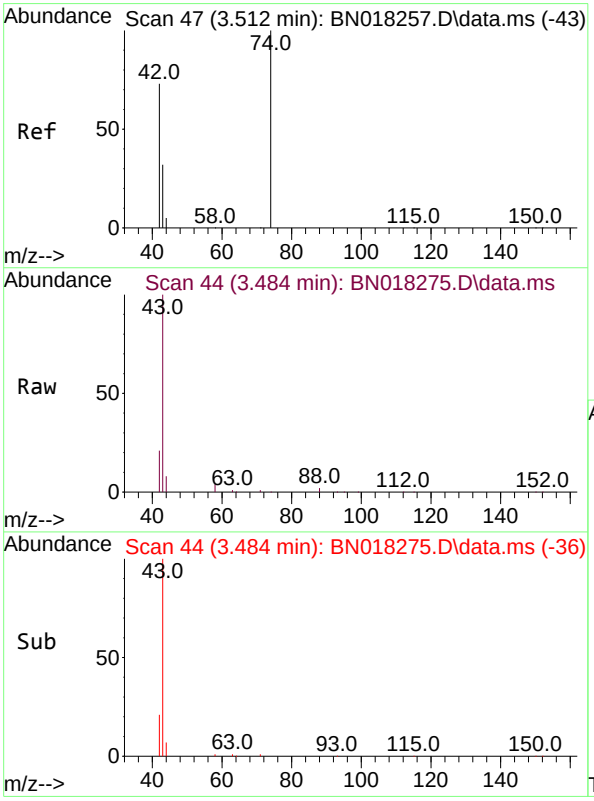
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:152 Resp: 25501

Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.7	182.5
115	56.0	43.8	65.8

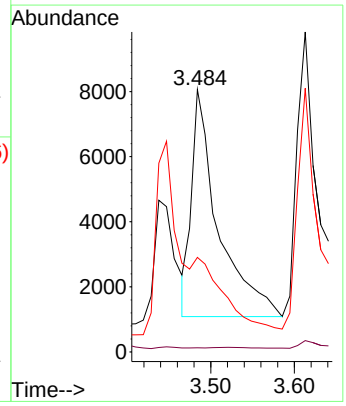


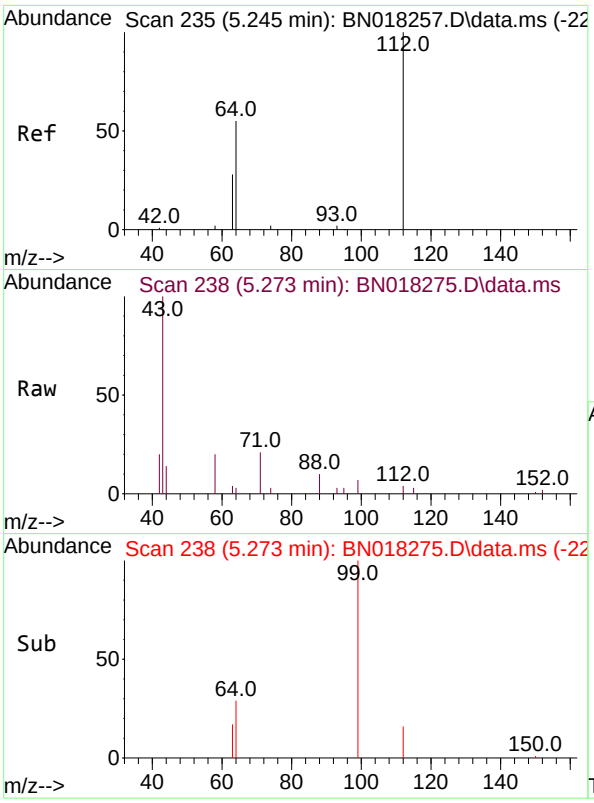


#3
n-Nitrosodimethylamine
Concen: 0.736 ng
RT: 3.484 min Scan# 44
Delta R.T. -0.028 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion: 42 Resp: 15411

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	0.0	5.8	8.8#



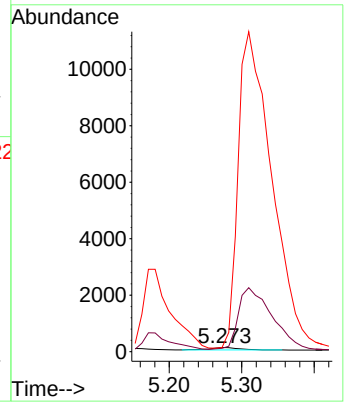


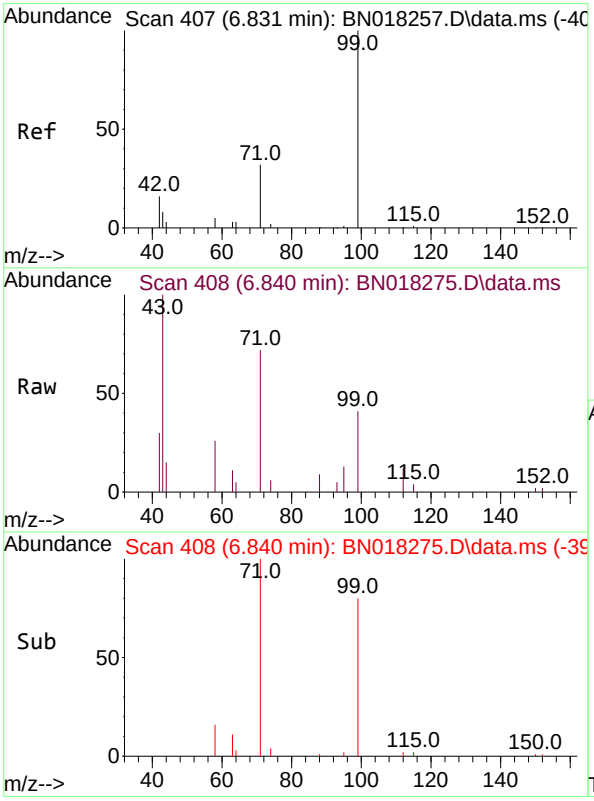
#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.273 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:112 Resp: 235

Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.0	72.0#
63	0.0	25.3	37.9#

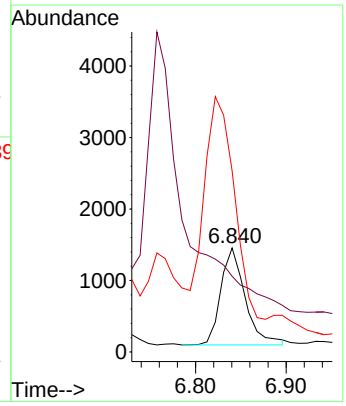


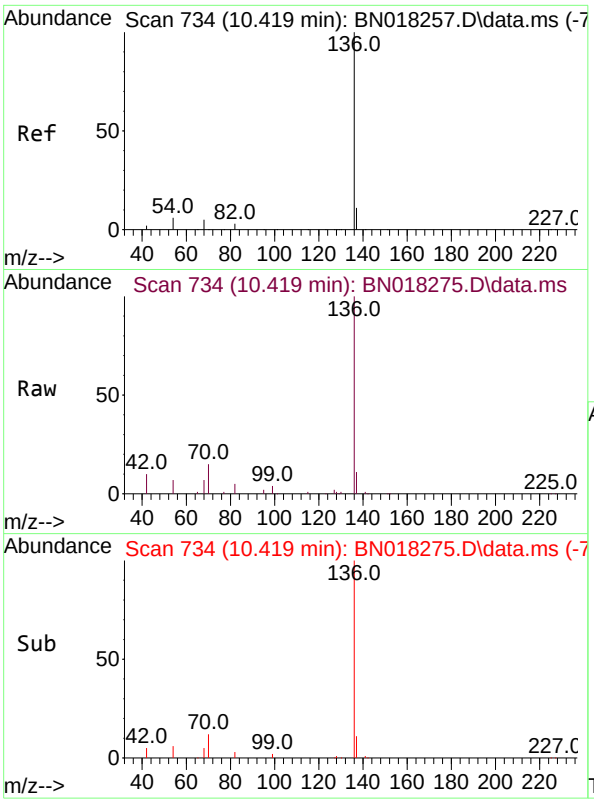


#5
Phenol-d6
Concen: 0.052 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion: 99 Resp: 2548

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.3	24.5#
71	274.5	26.8	40.2#



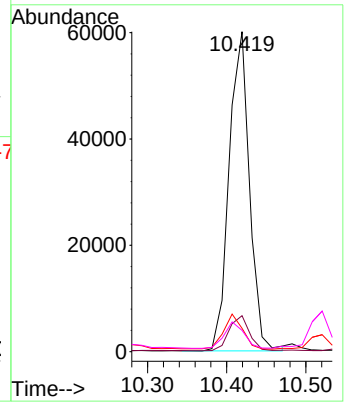


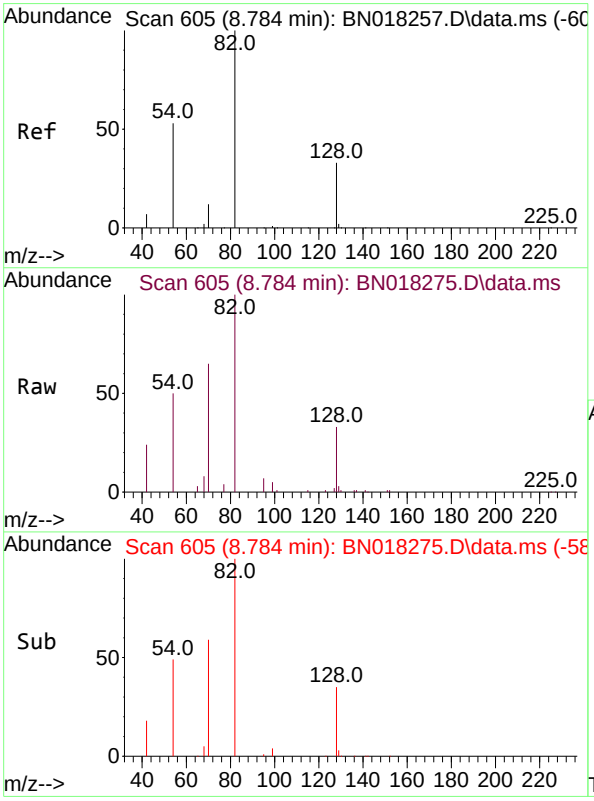
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:136 Resp: 107578

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.3	5.0	7.6
68	6.6	4.4	6.6#

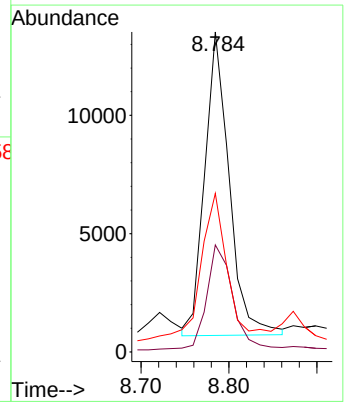


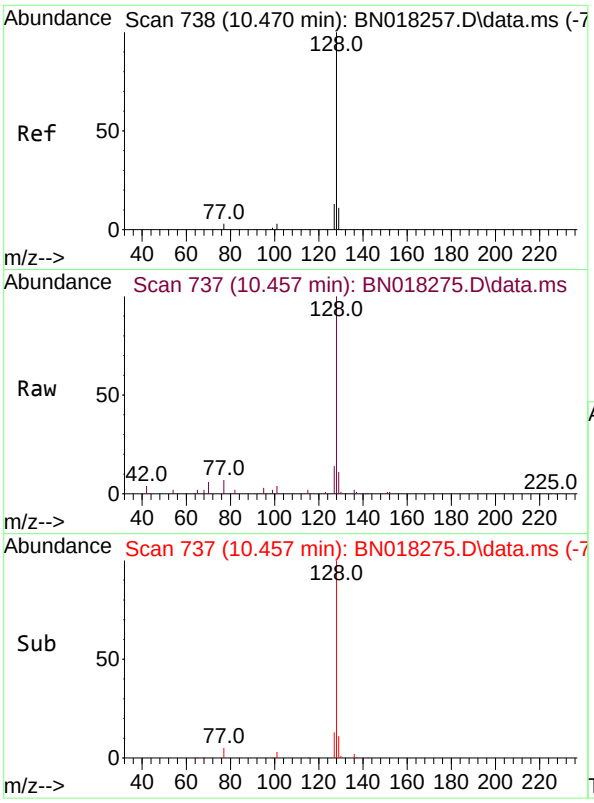


#8
Nitrobenzene-d5
Concen: 0.448 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion: 82 Resp: 24784

Ion	Ratio	Lower	Upper
82	100		
128	33.5	33.7	50.5#
54	49.6	36.6	55.0



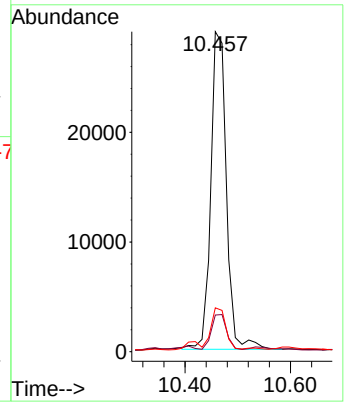


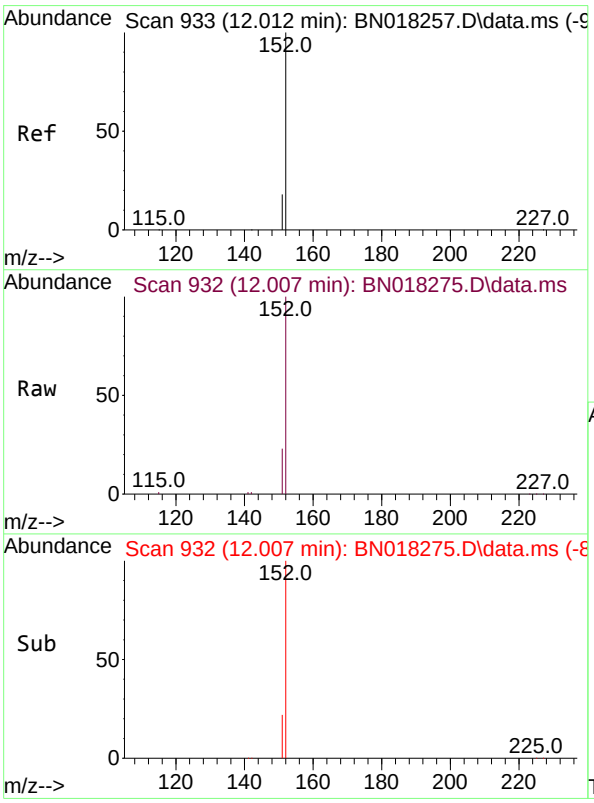
#9
Naphthalene
Concen: 0.223 ng
RT: 10.457 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:128 Resp: 59278

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.7	10.4	15.6

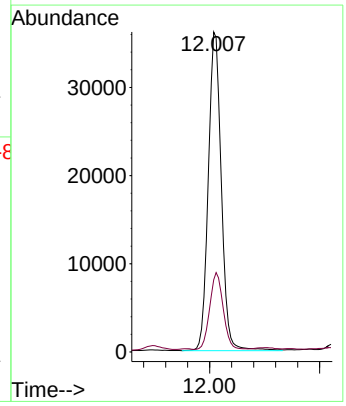


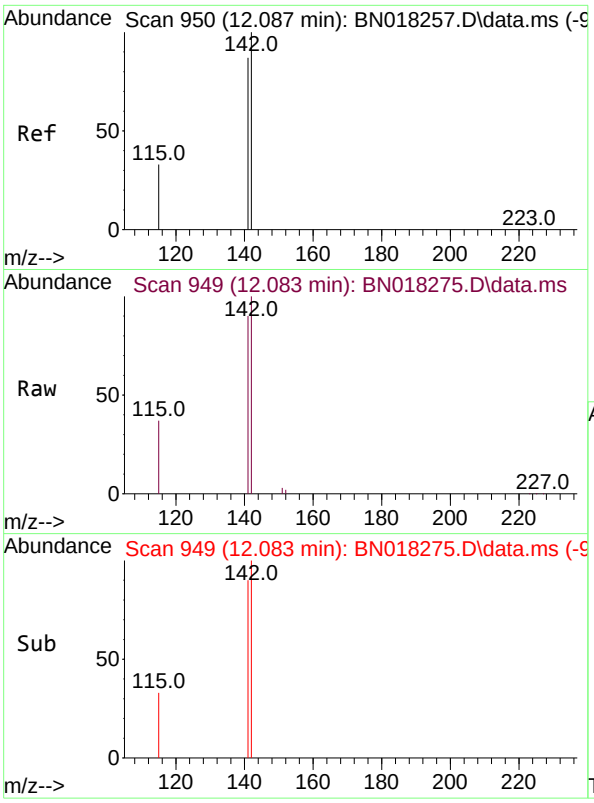


#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:152 Resp: 59444

Ion	Ratio	Lower	Upper
152	100		
151	24.7	16.2	24.2#



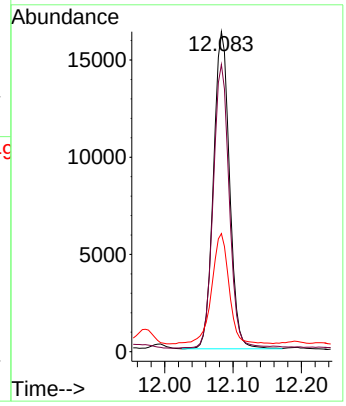


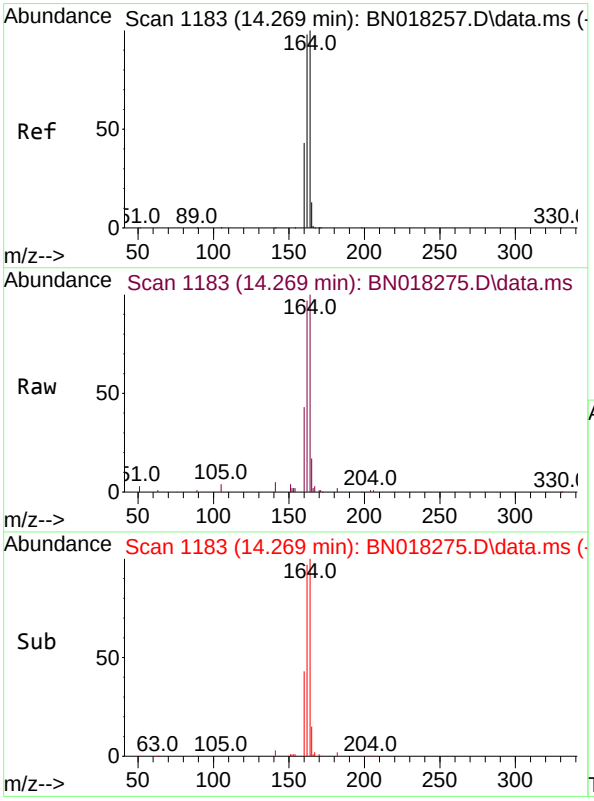
#12
2-Methylnaphthalene
Concen: 0.156 ng
RT: 12.083 min Scan# 94
Delta R.T. -0.004 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:142 Resp: 26617

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.0	105.0
115	36.9	27.8	41.8

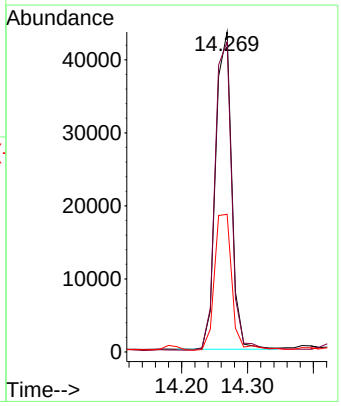


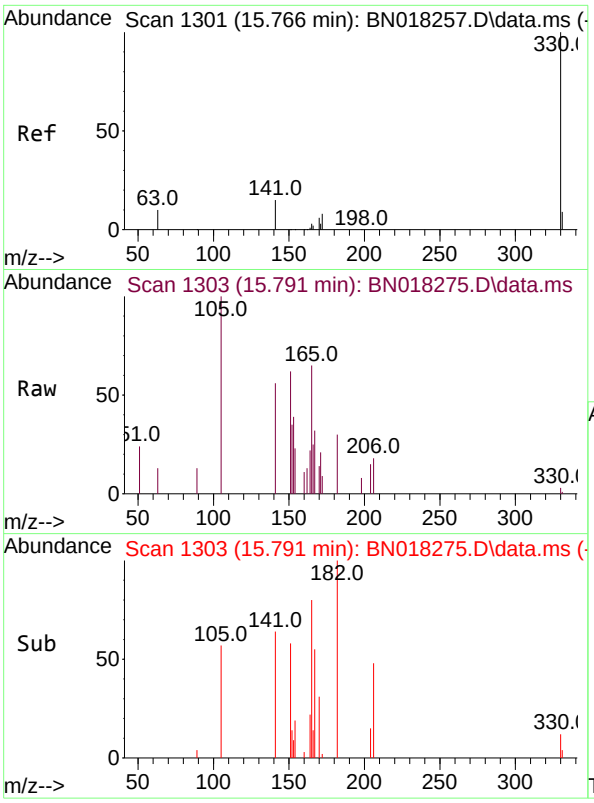


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:164 Resp: 73017

Ion	Ratio	Lower	Upper
164	100		
162	96.9	80.2	120.2
160	43.0	36.9	55.3



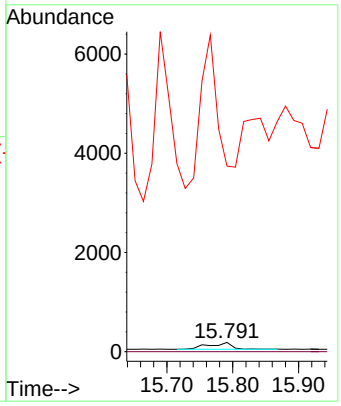


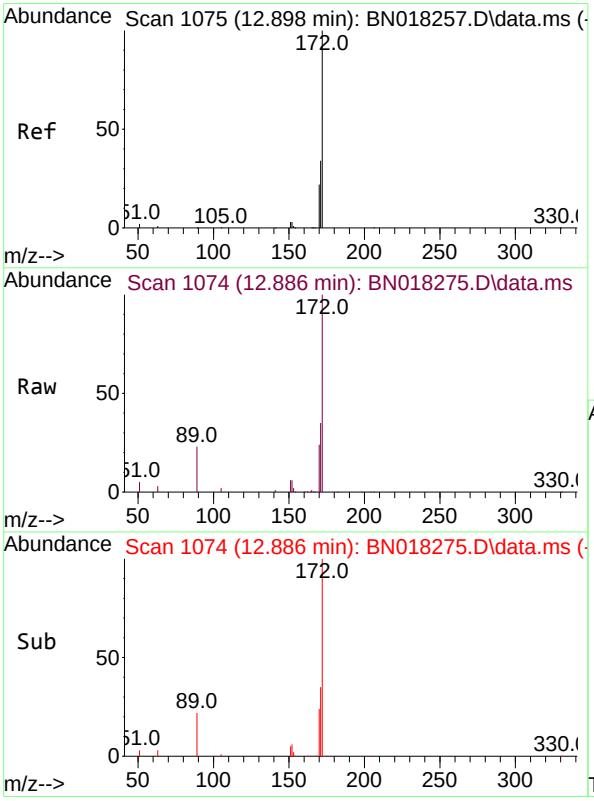
#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.791 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:330 Resp: 325

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

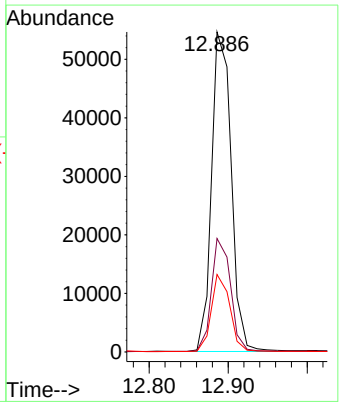


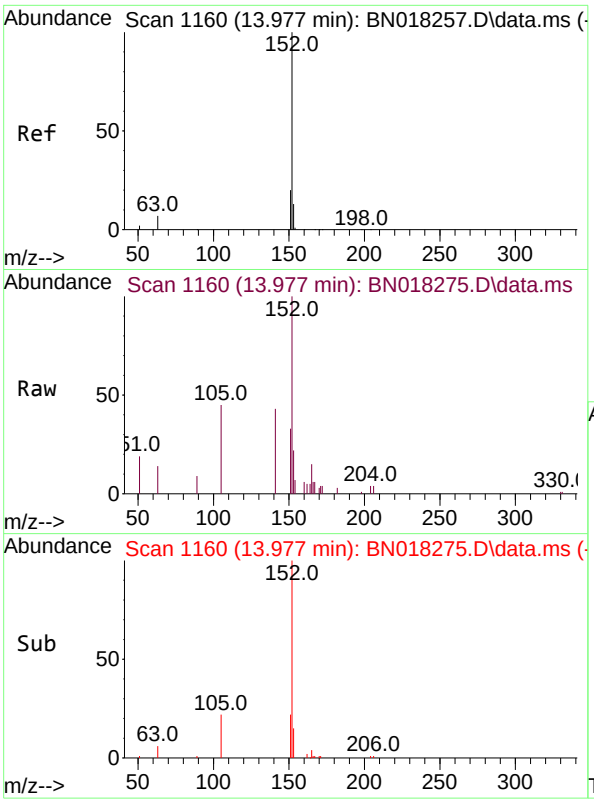


#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:172 Resp: 94564

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	24.2	18.4	27.6



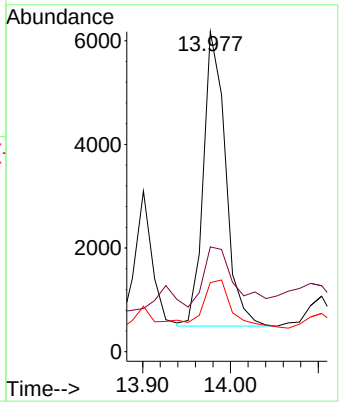


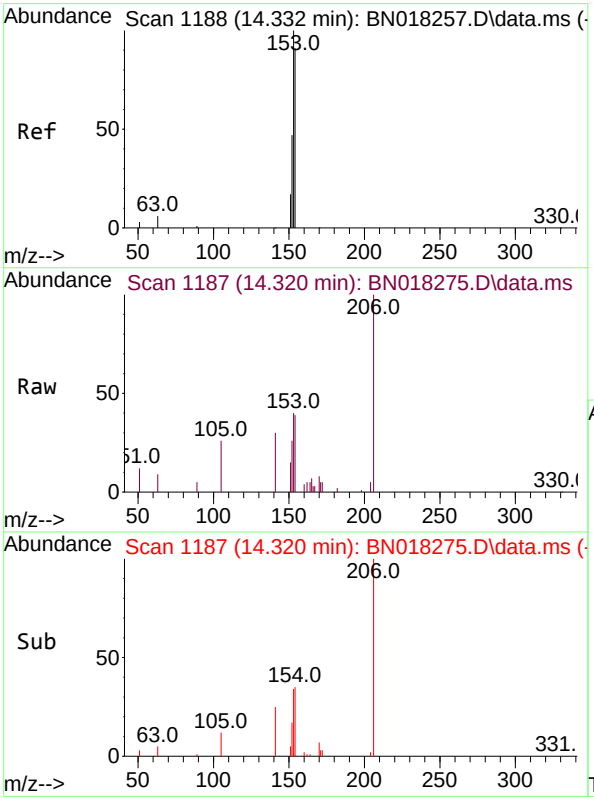
#16
Acenaphthylene
Concen: 0.039 ng
RT: 13.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:152 Resp: 9971

Ion	Ratio	Lower	Upper
152	100		
151	29.0	15.8	23.6#
153	22.4	10.5	15.7#

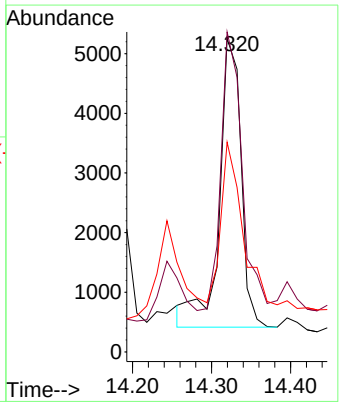


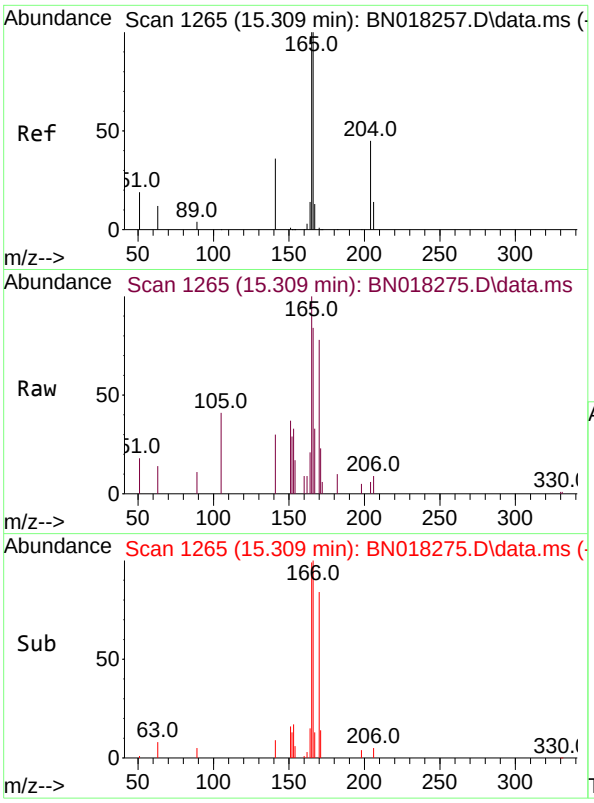


#17
Acenaphthene
Concen: 0.049 ng
RT: 14.320 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:154 Resp: 9249

Ion	Ratio	Lower	Upper
154	100		
153	94.4	90.9	136.3
152	61.5	45.0	67.4



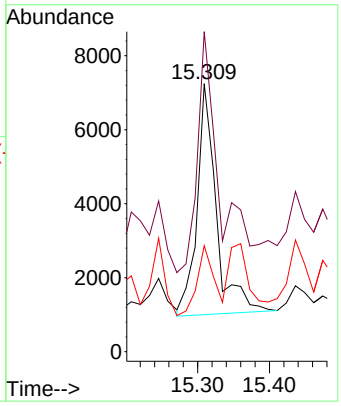


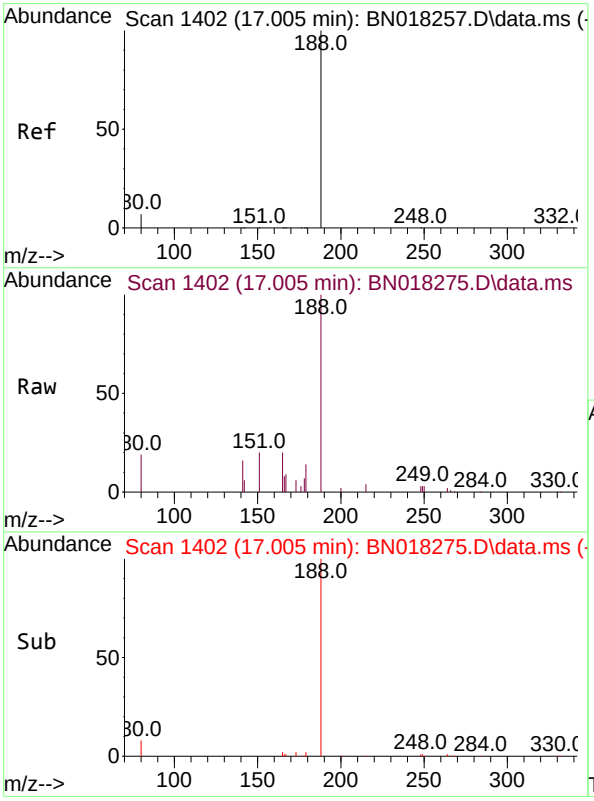
#18
Fluorene
Concen: 0.052 ng
RT: 15.309 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:166 Resp: 11609

Ion	Ratio	Lower	Upper
166	100		
165	121.4	77.8	116.6#
167	26.7	10.9	16.3#

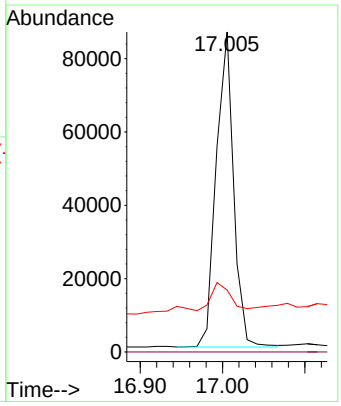


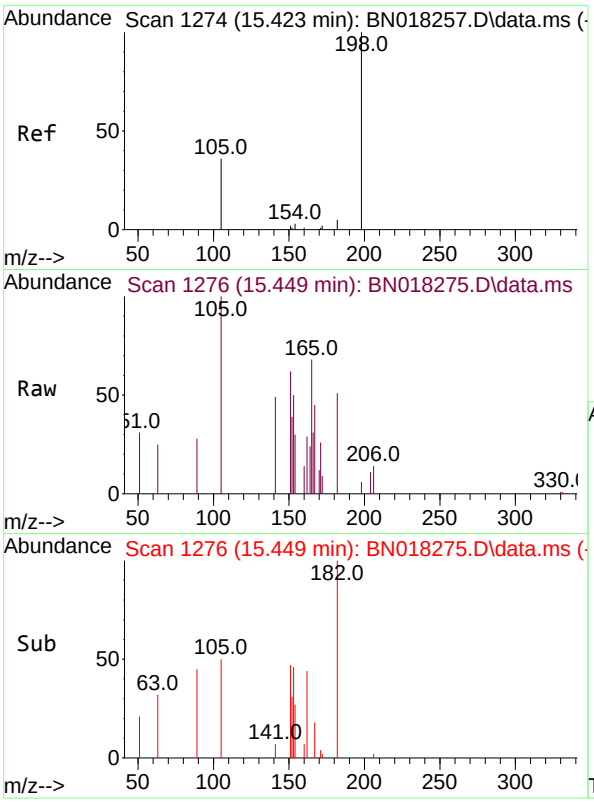


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:188 Resp: 125796

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	19.4	7.0	10.4#



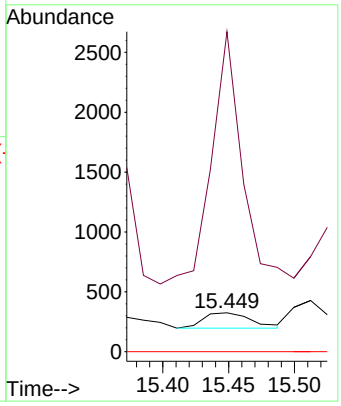


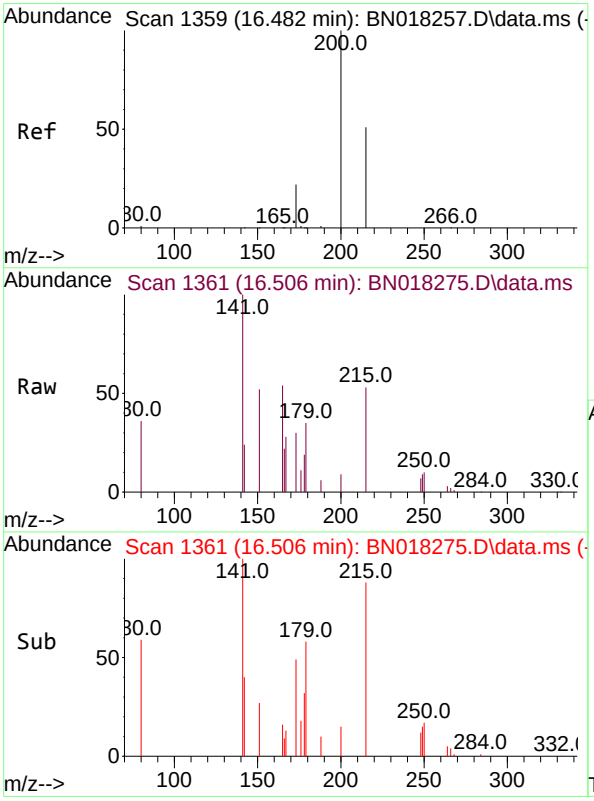
#20
4,6-Dinitro-2-methylphenol
Concen: 0.328 ng
RT: 15.449 min Scan# 1
Delta R.T. 0.026 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:198 Resp: 326

Ion	Ratio	Lower	Upper
198	100		
182	822.5	15.5	23.3#
77	0.0	0.0	0.0

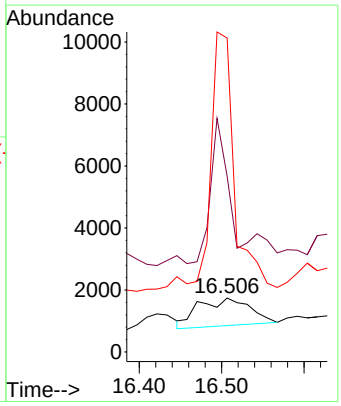


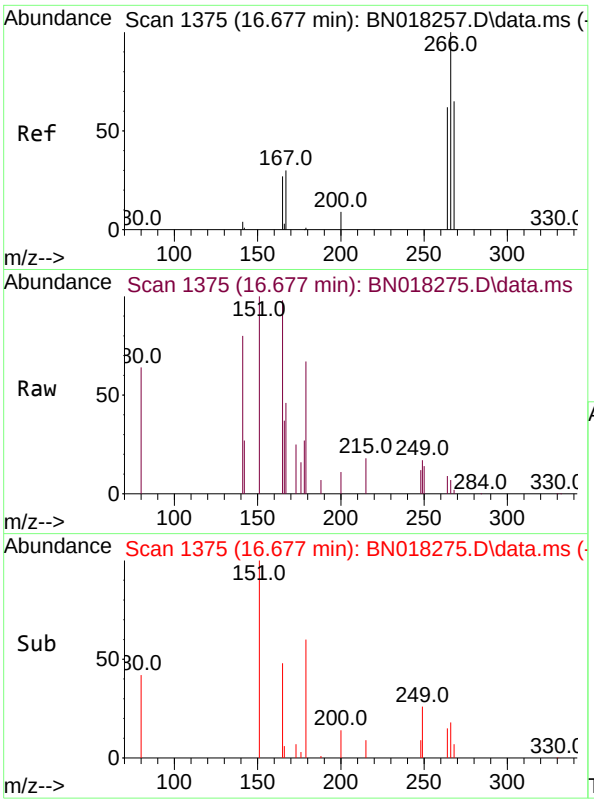


#23
Atrazine
Concen: 0.196 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.024 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:200 Resp: 3907

Ion	Ratio	Lower	Upper
200	100		
173	325.8	20.3	30.5#
215	581.6	40.4	60.6#



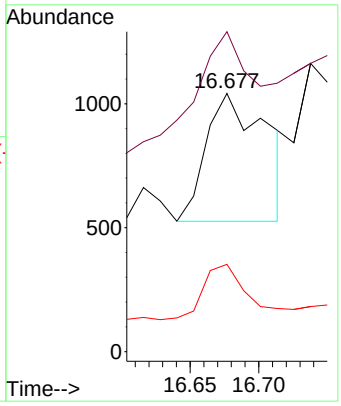


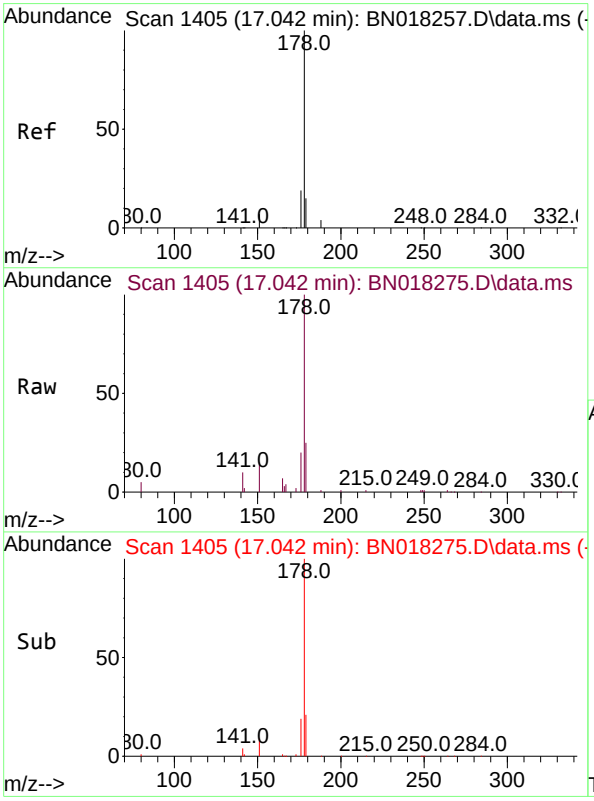
#24
Pentachlorophenol
Concen: 0.310 ng
RT: 16.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:266 Resp: 1574

Ion	Ratio	Lower	Upper
266	100		
264	89.3	49.5	74.3#
268	32.8	50.6	76.0#

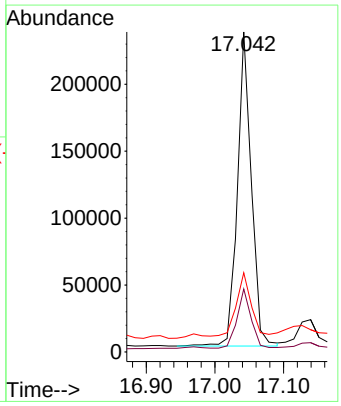


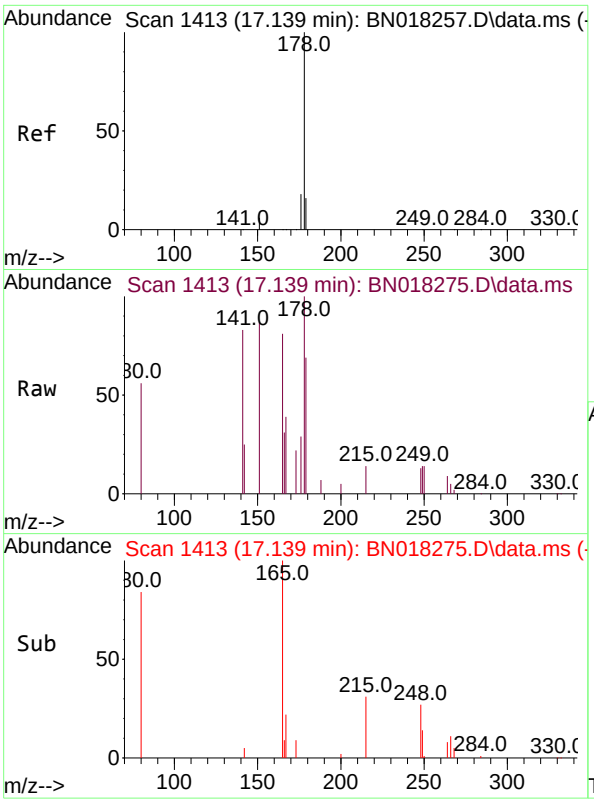


#25
Phenanthrene
Concen: 1.002 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:178 Resp: 332248

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	21.6	12.3	18.5#



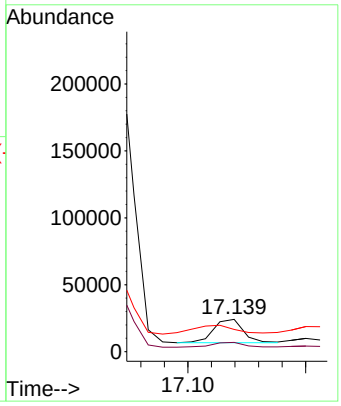


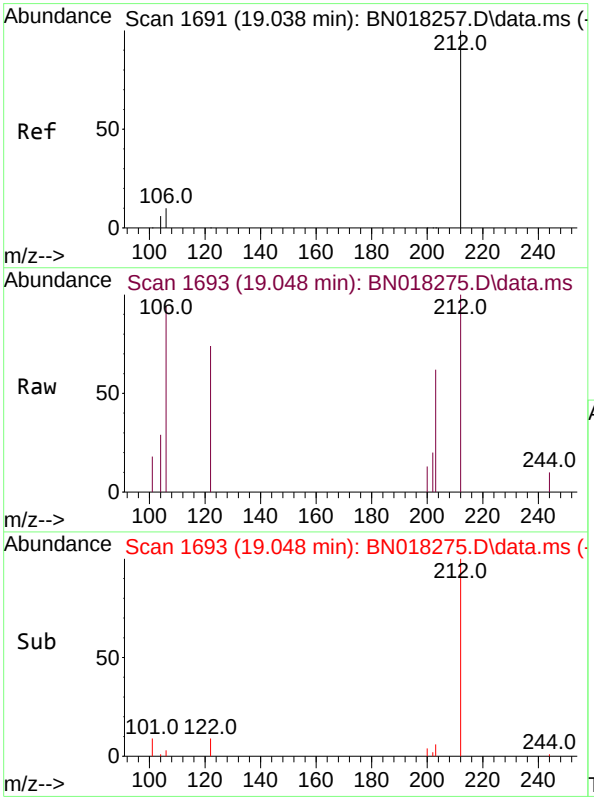
#26
Anthracene
Concen: 0.144 ng
RT: 17.139 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:178 Resp: 31087

Ion	Ratio	Lower	Upper
178	100		
176	22.5	14.8	22.2#
179	52.6	12.2	18.4#

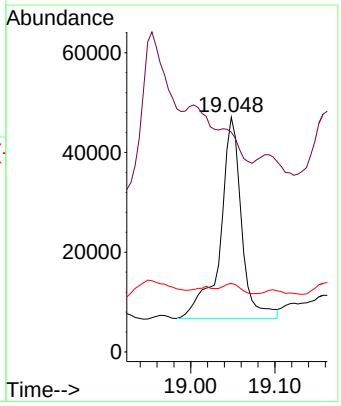


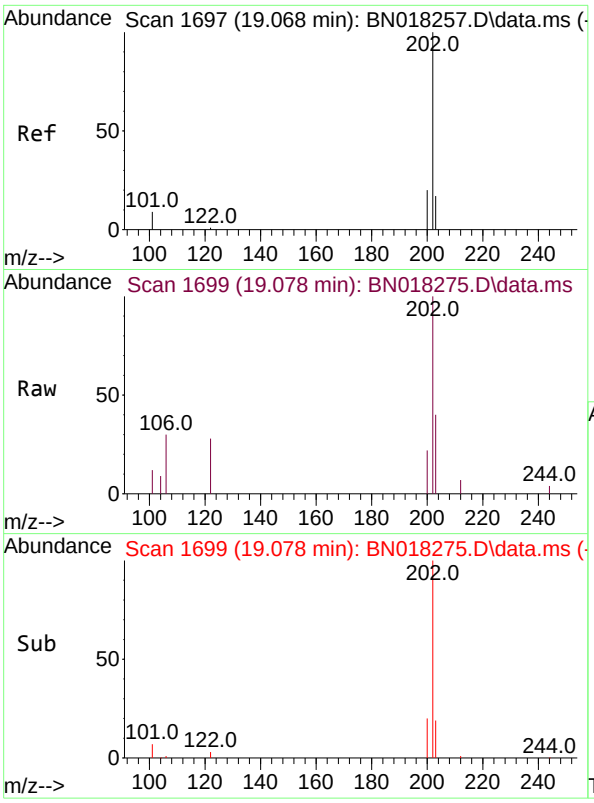


#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.048 min Scan# 1693
Delta R.T. 0.010 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:212 Resp: 70621

Ion	Ratio	Lower	Upper
212	100		
106	0.0	8.4	12.6#
104	4.3	4.5	6.7#



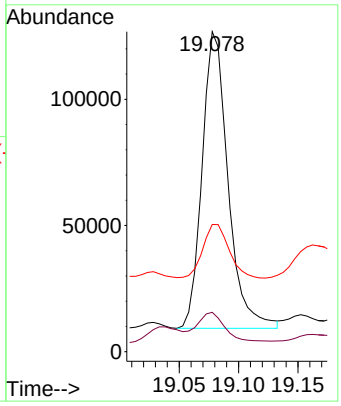


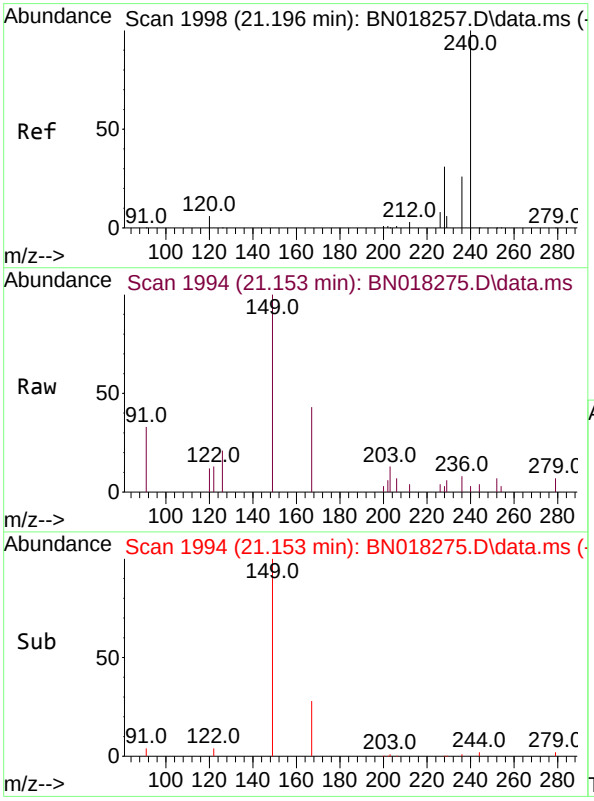
#28
Fluoranthene
Concen: 0.460 ng
RT: 19.078 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:202 Resp: 178580

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.2	10.8
203	18.1	13.7	20.5

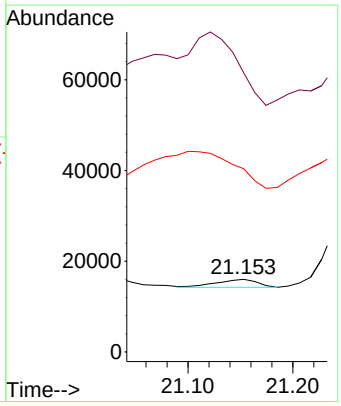


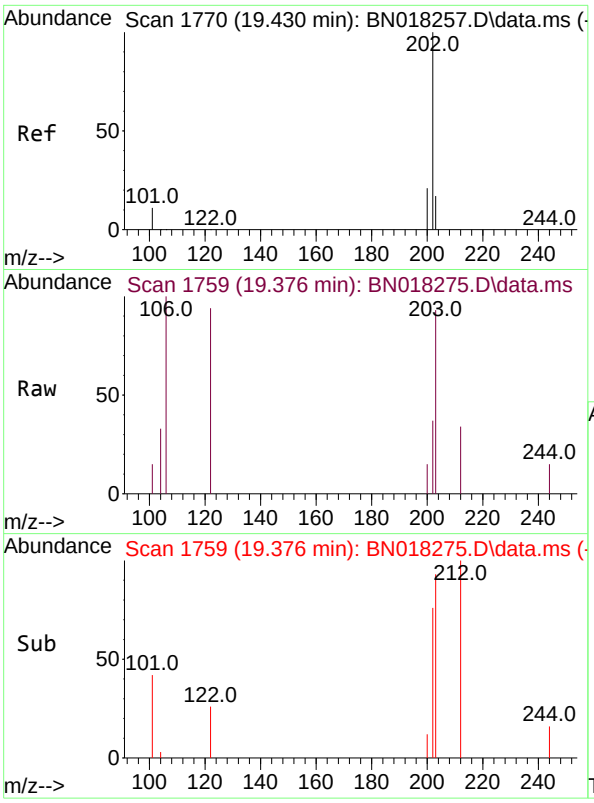


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.153 min Scan# 1994
Delta R.T. -0.043 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:240 Resp: 4728

Ion	Ratio	Lower	Upper
240	100		
120	384.1	6.0	9.0#
236	252.2	21.4	32.2#



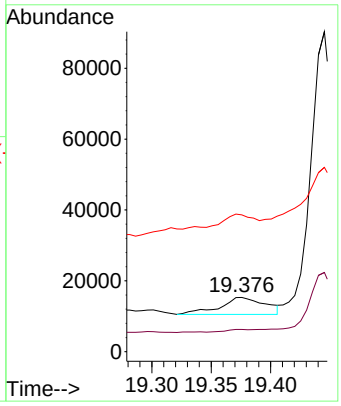


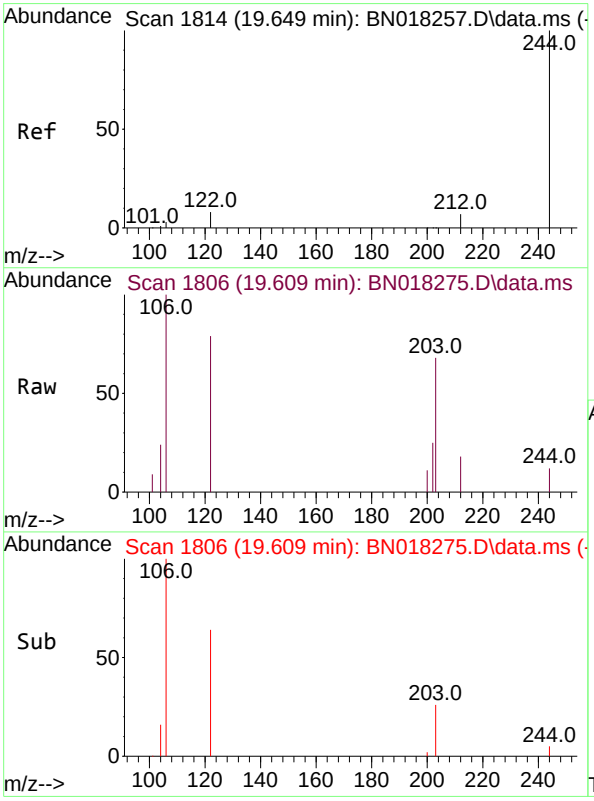
#30
Pyrene
Concen: 0.690 ng
RT: 19.376 min Scan# 1
Delta R.T. -0.055 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:202 Resp: 12801

Ion	Ratio	Lower	Upper
202	100		
200	10.6	16.6	25.0#
203	64.0	14.1	21.1#

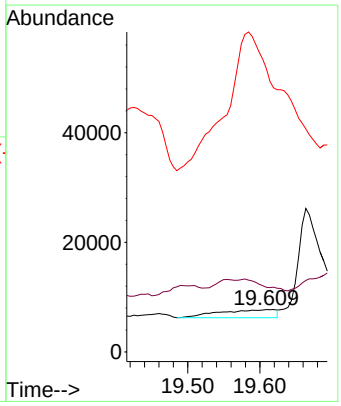


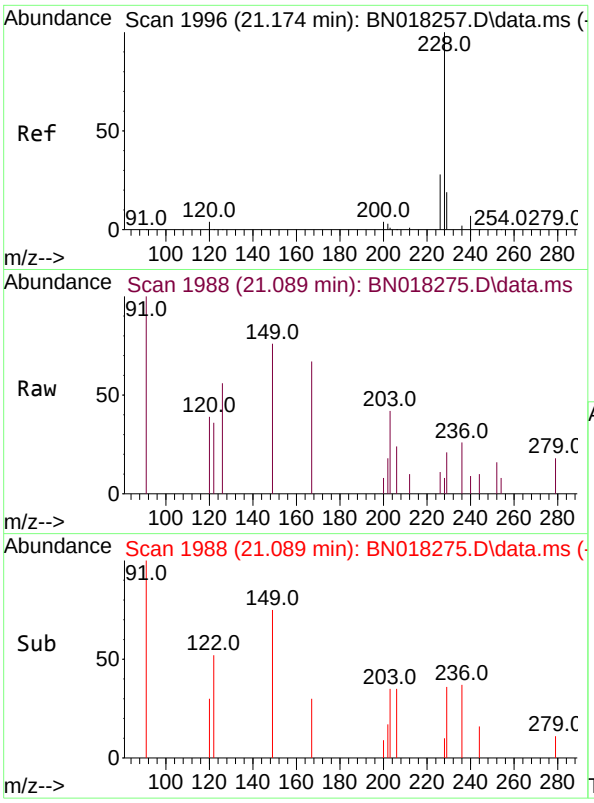


#31
Terphenyl-d14
Concen: 0.678 ng
RT: 19.609 min Scan# 1806
Delta R.T. -0.040 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:244 Resp: 8145

Ion	Ratio	Lower	Upper
244	100		
212	152.8	6.2	9.2#
122	668.2	7.9	11.9#



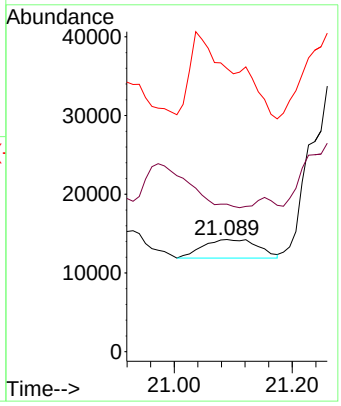


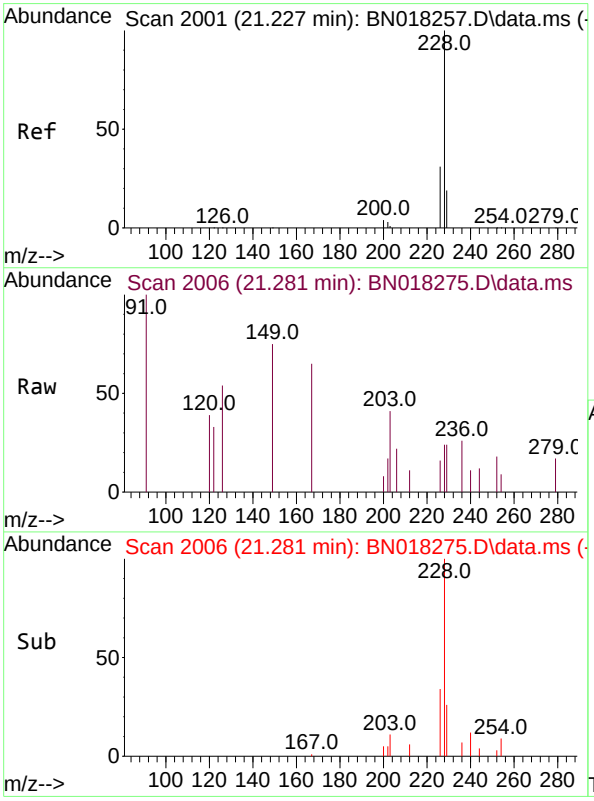
#32
Benzo(a)anthracene
Concen: 1.058 ng
RT: 21.089 min Scan# 1
Delta R.T. -0.085 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:228 Resp: 15306

Ion	Ratio	Lower	Upper
228	100		
226	131.5	21.3	31.9#
229	252.4	15.9	23.9#

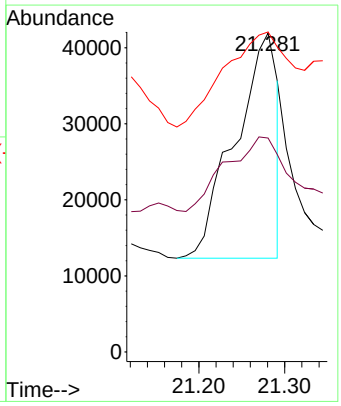


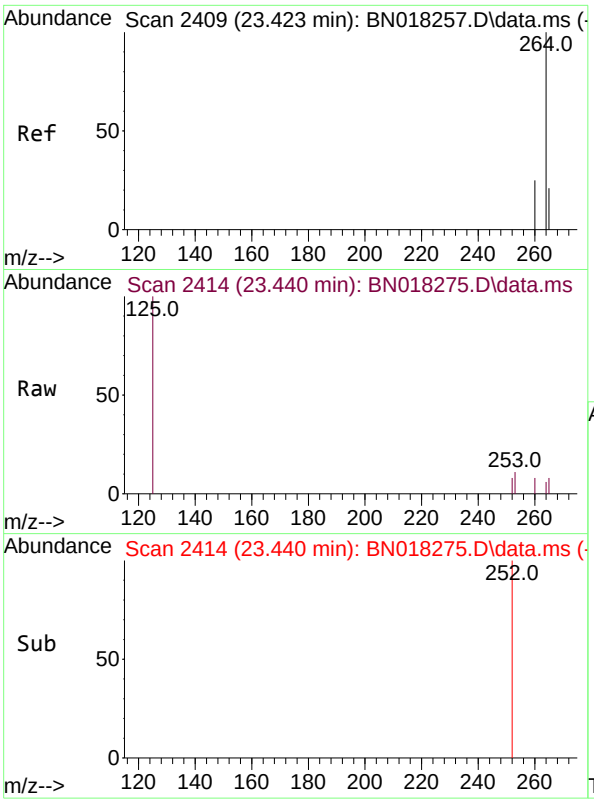


#33
Chrysene
Concen: 6.658 ng
RT: 21.281 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:228 Resp: 101341

Ion	Ratio	Lower	Upper
228	100		
226	67.1	24.2	36.4#
229	100.4	15.5	23.3#



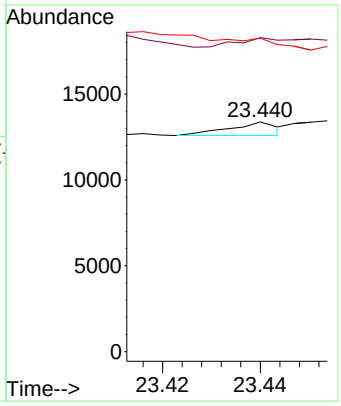


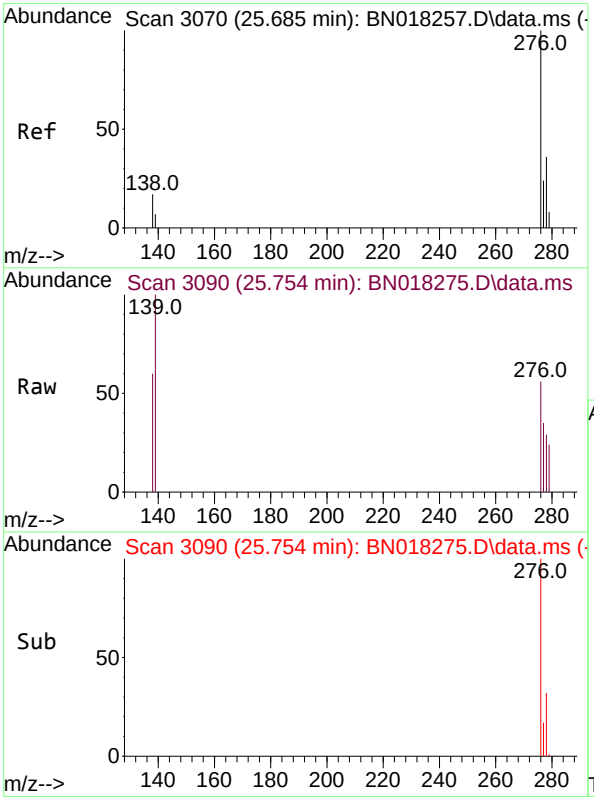
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.440 min Scan# 24
Delta R.T. 0.017 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:264 Resp: 535

Ion	Ratio	Lower	Upper
264	100		
260	136.7	20.2	30.4#
265	136.4	18.2	27.2#

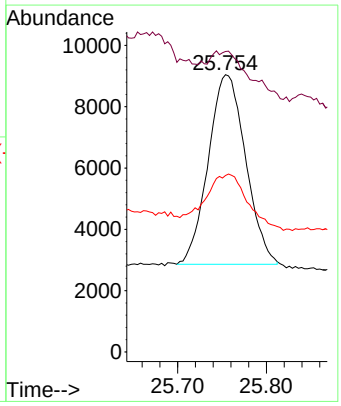


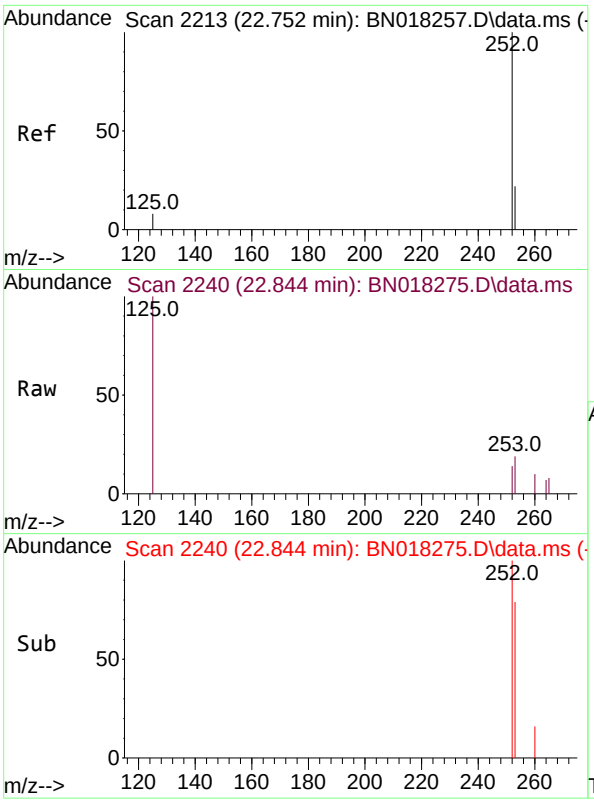


#36
Indeno(1,2,3-cd)pyrene
Concen: 14.147 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.069 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:276 Resp: 18075

Ion	Ratio	Lower	Upper
276	100		
138	1.4	14.9	22.3#
277	29.4	19.9	29.9



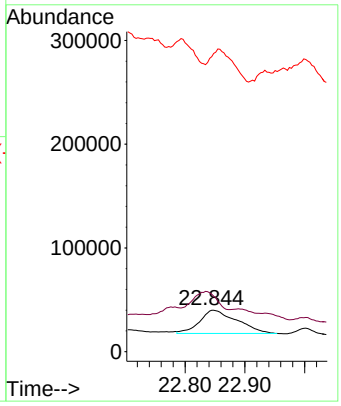


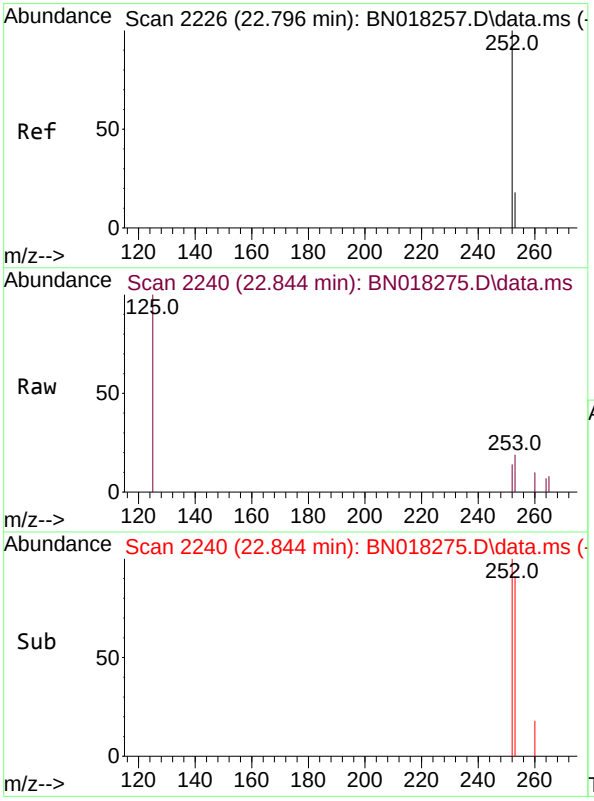
#37
Benzo(b)fluoranthene
Concen: 57.577 ng
RT: 22.844 min Scan# 2
Delta R.T. 0.092 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:252 Resp: 97889

Ion	Ratio	Lower	Upper
252	100		
253	138.4	17.8	26.6#
125	710.6	6.0	9.0#

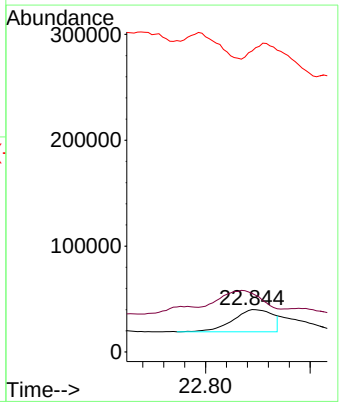


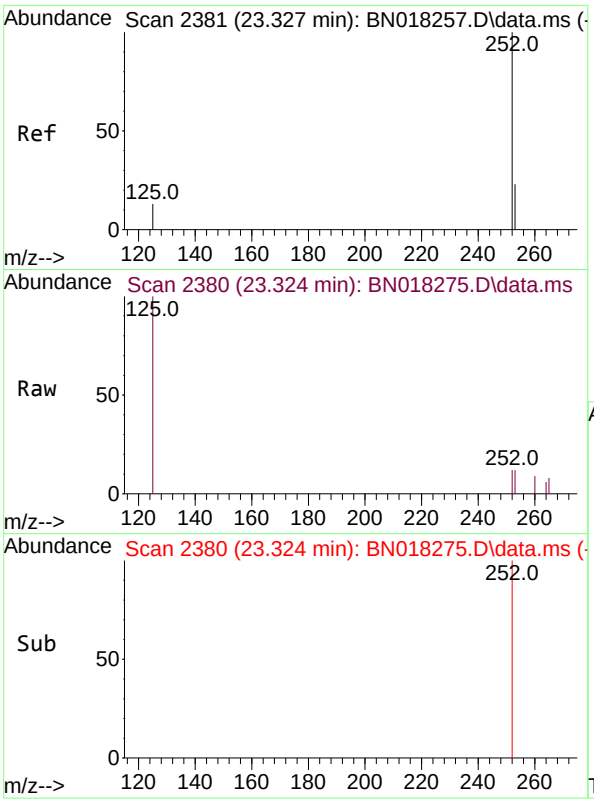


#38
Benzo(k)fluoranthene
Concen: 34.904 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.048 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:252 Resp: 56181

Ion	Ratio	Lower	Upper
252	100		
253	138.4	17.7	26.5#
125	710.6	6.2	9.2#



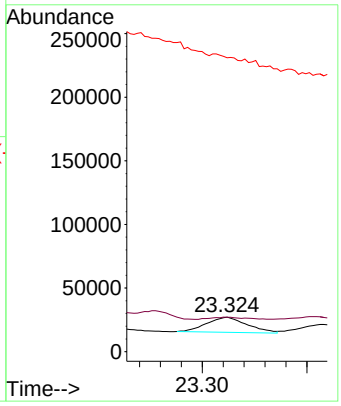


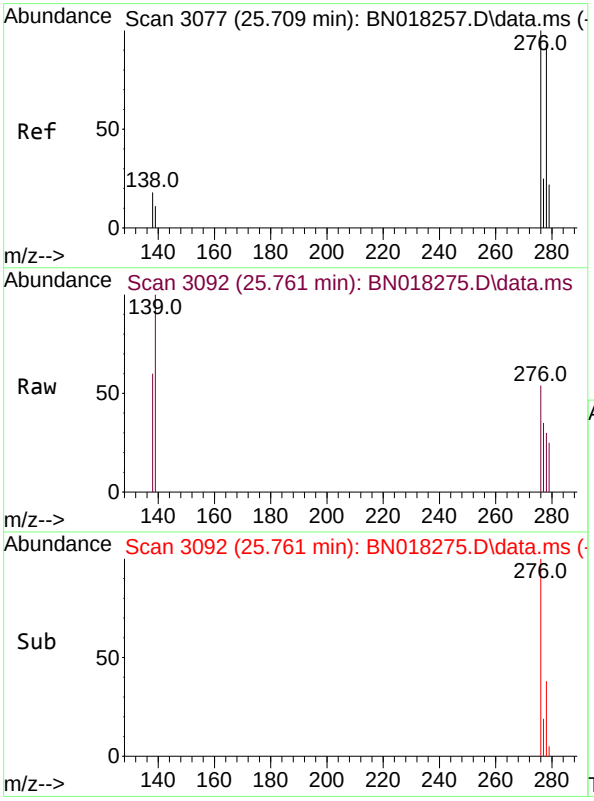
#39
Benzo(a)pyrene
Concen: 21.449 ng
RT: 23.324 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:252 Resp: 31726

Ion	Ratio	Lower	Upper
252	100		
253	99.3	17.8	26.6#
125	848.9	7.0	10.4#

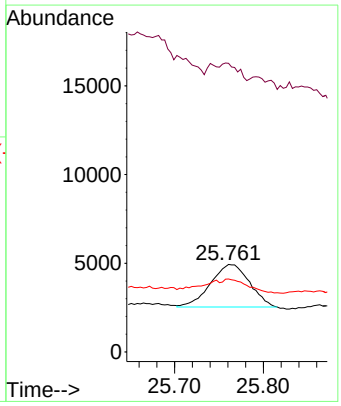


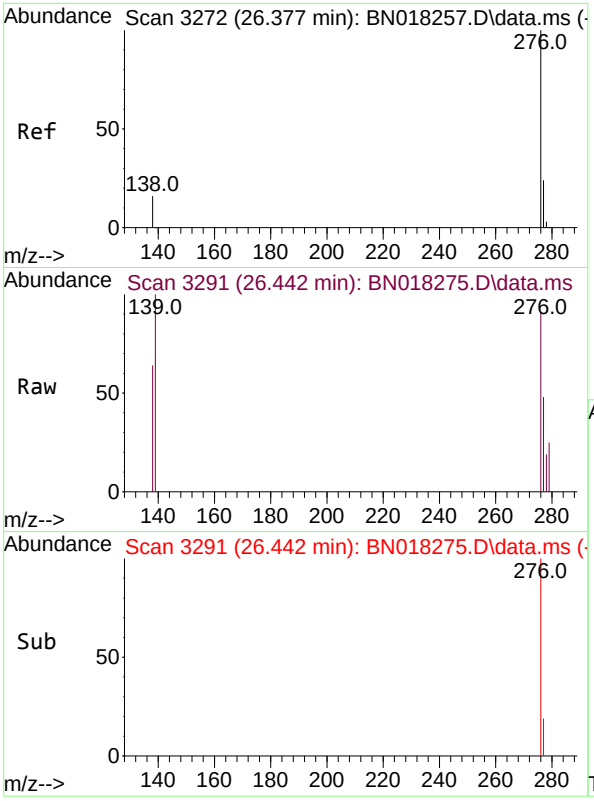


#40
Dibenzo(a,h)anthracene
Concen: 8.056 ng
RT: 25.761 min Scan# 3092
Delta R.T. 0.051 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:278 Resp: 7337

Ion	Ratio	Lower	Upper
278	100		
139	330.1	10.8	16.2#
279	83.5	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 17.250 ng
RT: 26.442 min Scan# 3
Delta R.T. 0.065 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:276 Resp: 21986

Ion	Ratio	Lower	Upper
276	100		
277	52.7	19.0	28.6#
138	70.5	12.6	19.0#