Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018194.D
Acq On : 24 Dec 2021 00:26
Operator : CG/JU
Sample : M5107-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Quant Time: Dec 24 23:33:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	23813	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	102246	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	68628	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	127372	0.400	ng	# 0.00
29) Chrysene-d12	21.164	240	6413	0.400	ng	#-0.03
35) Perylene-d12	23.457	264	1438	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	141	0.003	ng	0.03
5) Phenol-d6	6.822	99	1920	0.034	ng	0.00
8) Nitrobenzene-d5	8.759	82	20242	0.294	ng	-0.01
11) 2-Methylnaphthalene-d10	11.994	152	36130	0.206	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	165	0.184	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	57622	0.225	ng	-0.01
27) Fluoranthene-d10	19.043	212	51556	0.128	ng	0.01
31) Terphenyl-d14	19.664	244	33599	2.381	ng	0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.475	42	9025	0.434	ng	# 1
9) Naphthalene	10.445	128	34318	0.136	ng	98
12) 2-Methylnaphthalene	12.065	142	16278	0.098	ng	96
16) Acenaphthylene	13.964	152	5887	0.023	ng	# 71
17) Acenaphthene	14.320	154	5736	0.032	ng	85
18) Fluorene	15.297	166	7325	0.034	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.436	198	144	0.174	ng	# 1
23) Atrazine	16.494	200	2185	0.136	ng	# 1
24) Pentachlorophenol	16.665	266	910	0.315	ng	# 73
25) Phenanthrene	17.030	178	210123	0.622	ng	# 94
26) Anthracene	17.127	178	19563	0.070	ng	# 47
28) Fluoranthene	19.073	202	134542	0.341	ng	# 94
30) Pyrene	19.371	202	10606	0.515	ng	# 41
32) Benzo(a)anthracene	21.079	228	8044	0.432	ng	# 1
33) Chrysene	21.227	228	33219	1.634	ng	# 1
36) Indeno(1,2,3-cd)pyrene	25.768	276	19331	4.645	ng	# 76
37) Benzo(b)fluoranthene	22.844	252	49944	11.229	ng	# 1
38) Benzo(k)fluoranthene	22.844	252	50098	11.179	ng	# 1
39) Benzo(a)pyrene	23.327	252	27283	6.825	ng	# 1
40) Dibenzo(a,h)anthracene	25.778	278	7762	2.212	ng	# 1
41) Benzo(g,h,i)perylene	26.452	276	23998	6.259	ng	# 1

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

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Instrument :
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QLast Update : Thu Dec 23 14:22:48 2021
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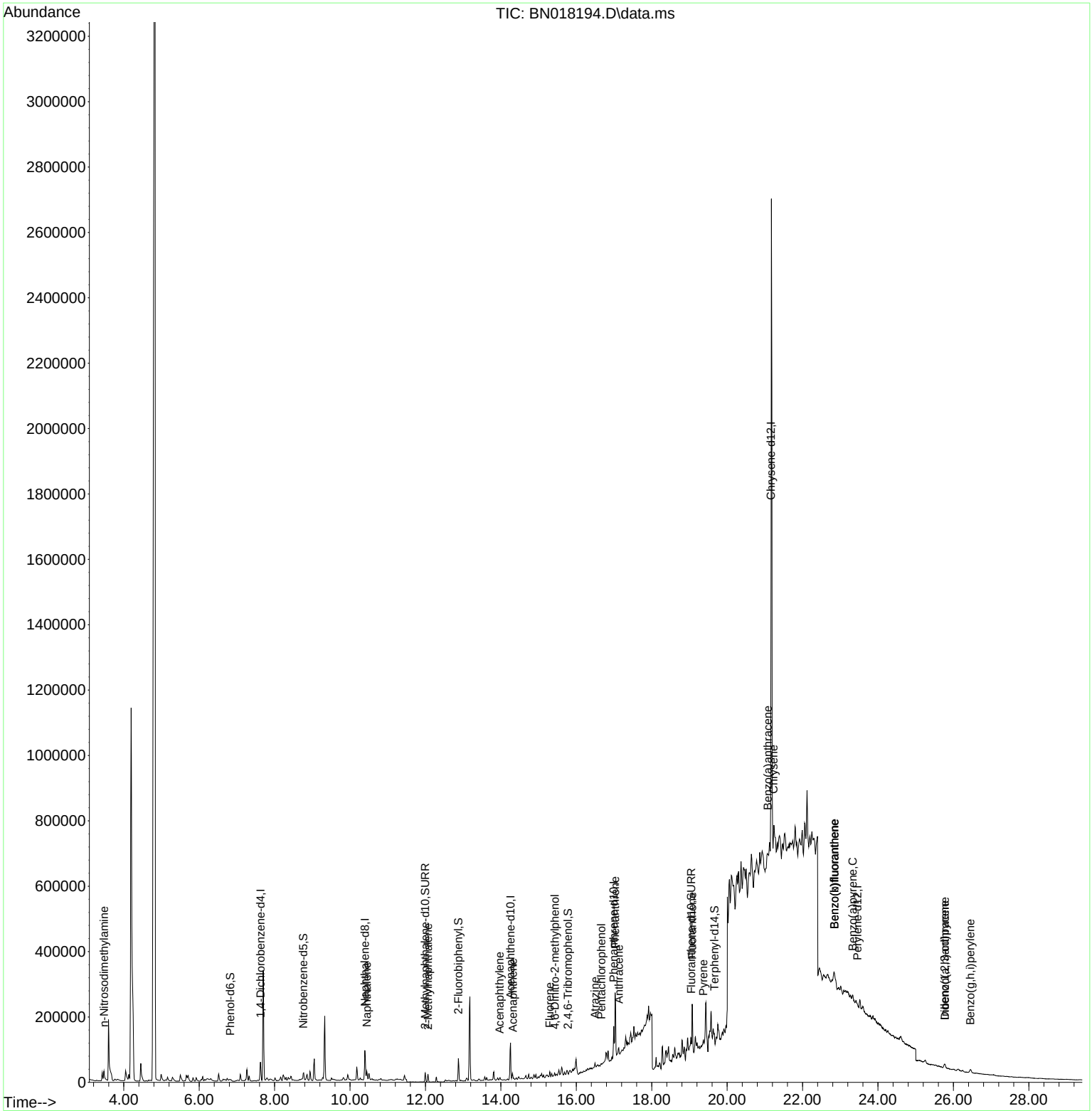
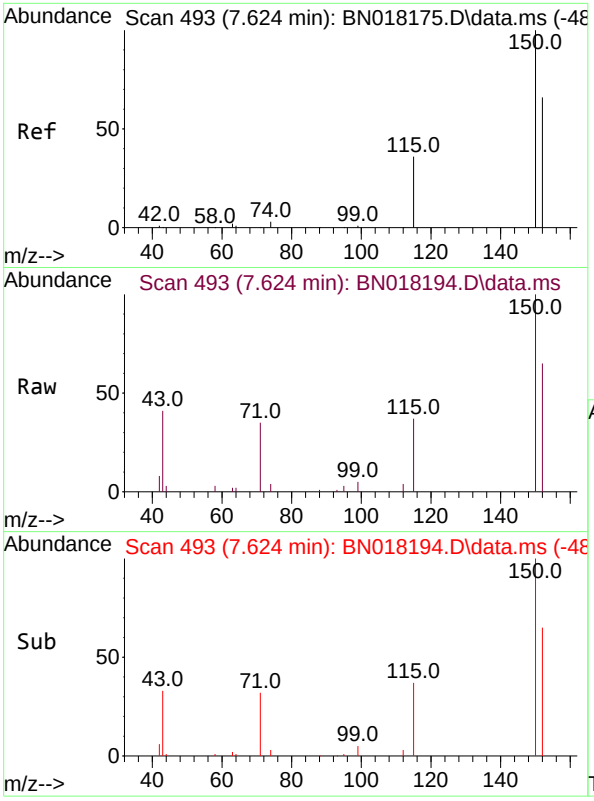


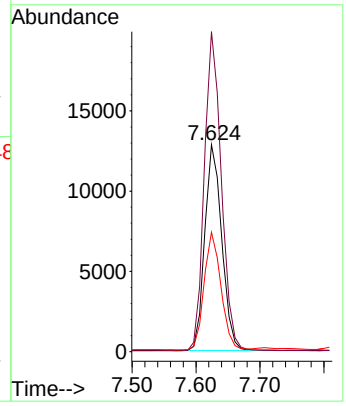


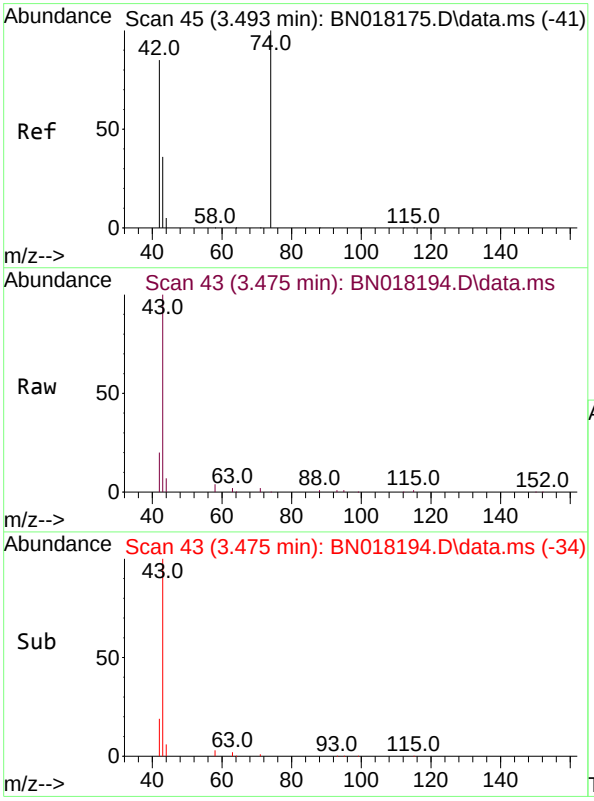
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:152 Resp: 23813

Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.7	182.5
115	57.7	43.8	65.8

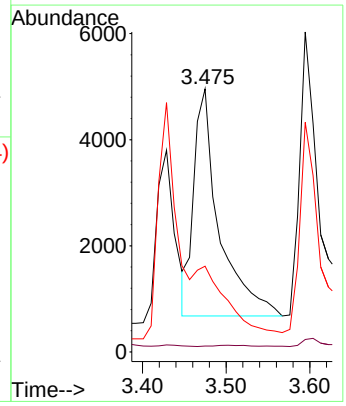


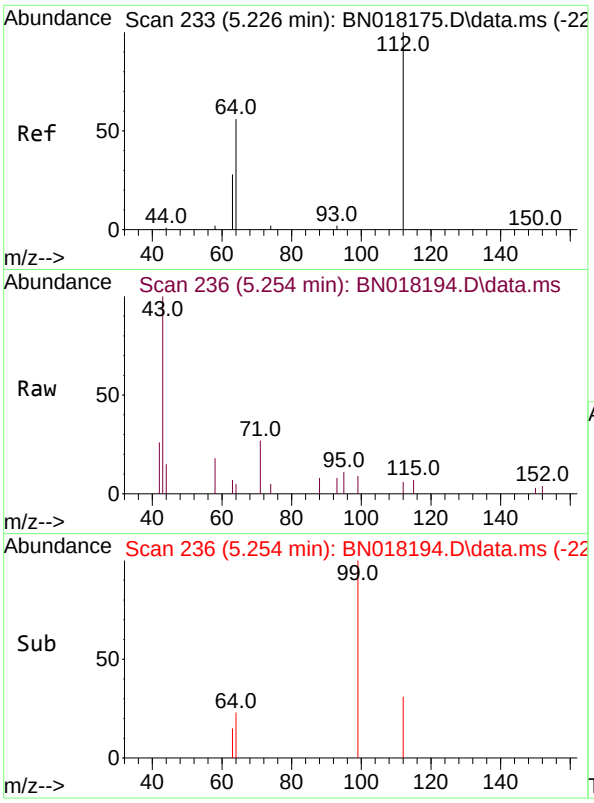


#3
n-Nitrosodimethylamine
Concen: 0.434 ng
RT: 3.475 min Scan# 43
Delta R.T. -0.018 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion: 42 Resp: 9025

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



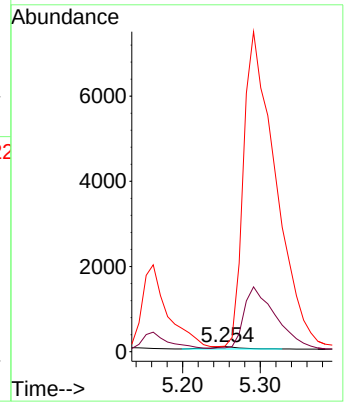


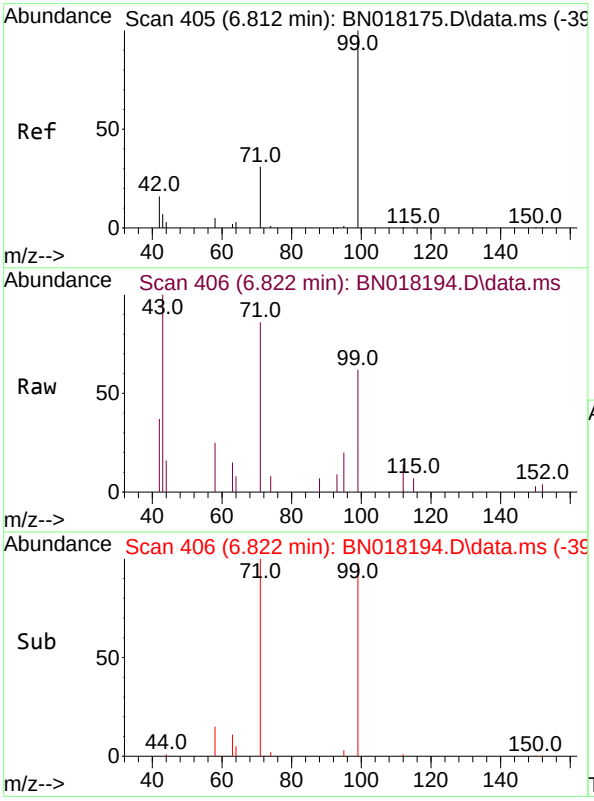
#4
2-Fluorophenol
Concen: 0.003 ng
RT: 5.254 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:112 Resp: 141

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

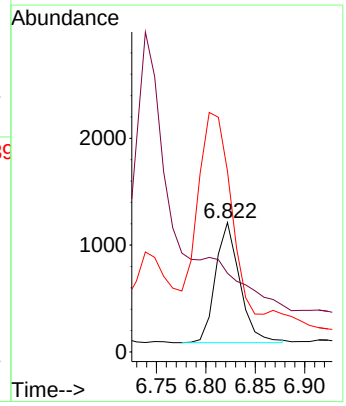


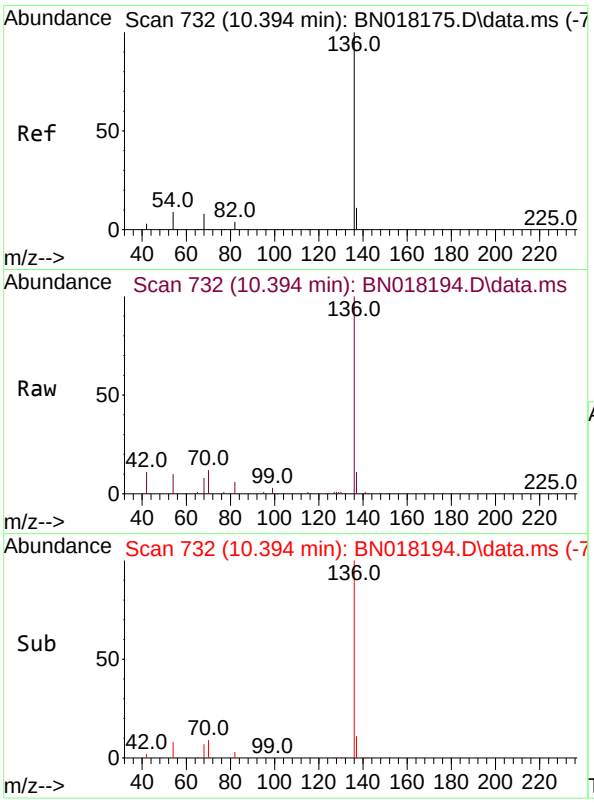


#5
Phenol-d6
Concen: 0.034 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.010 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion: 99 Resp: 1920

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.3	24.5#
71	220.9	26.8	40.2#



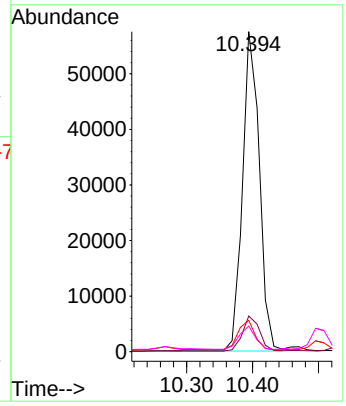


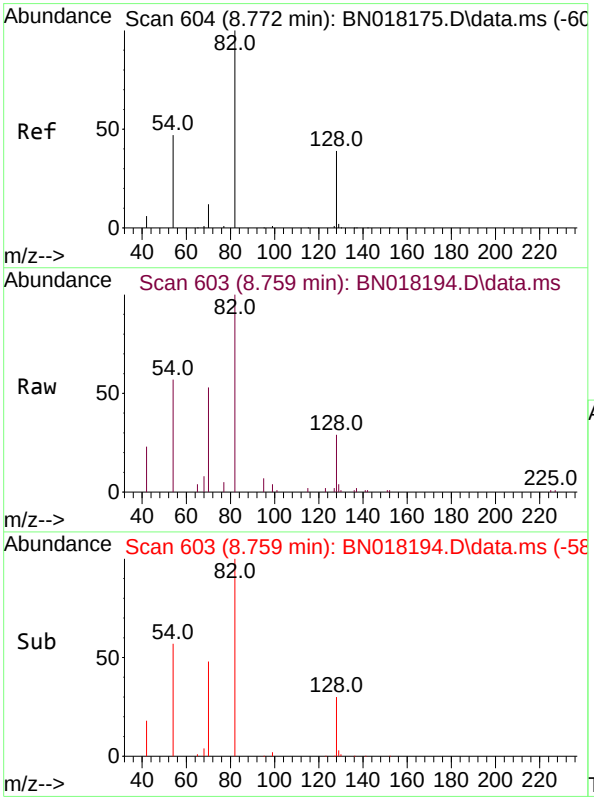
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:136 Resp: 102246

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.8	5.0	7.6#
68	8.0	4.4	6.6#

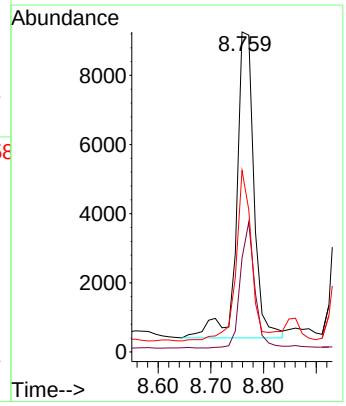


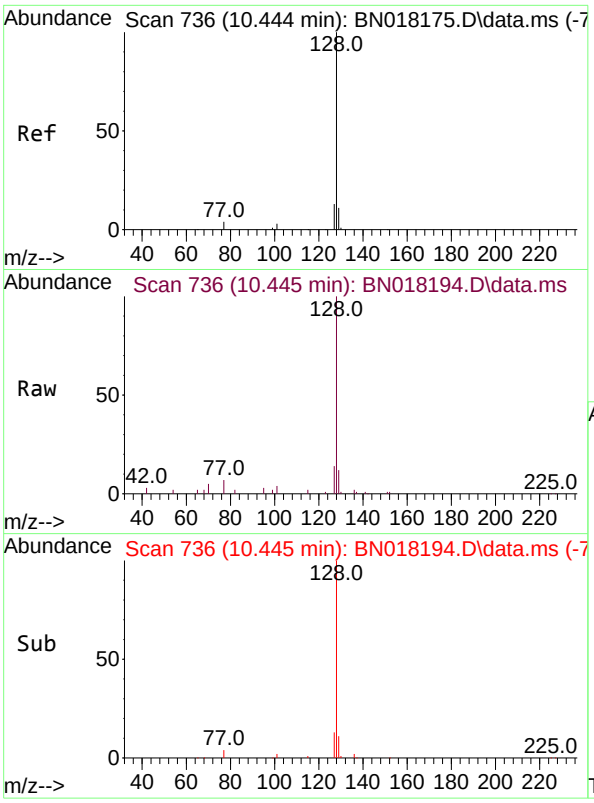


#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.013 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion: 82 Resp: 20242

Ion	Ratio	Lower	Upper
82	100		
128	29.4	33.7	50.5#
54	56.7	36.6	55.0#



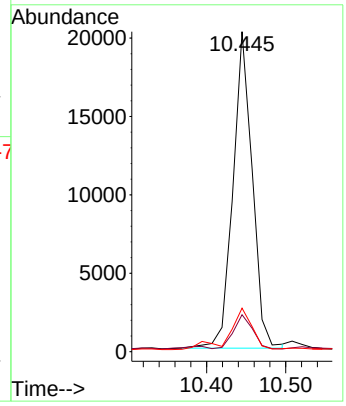


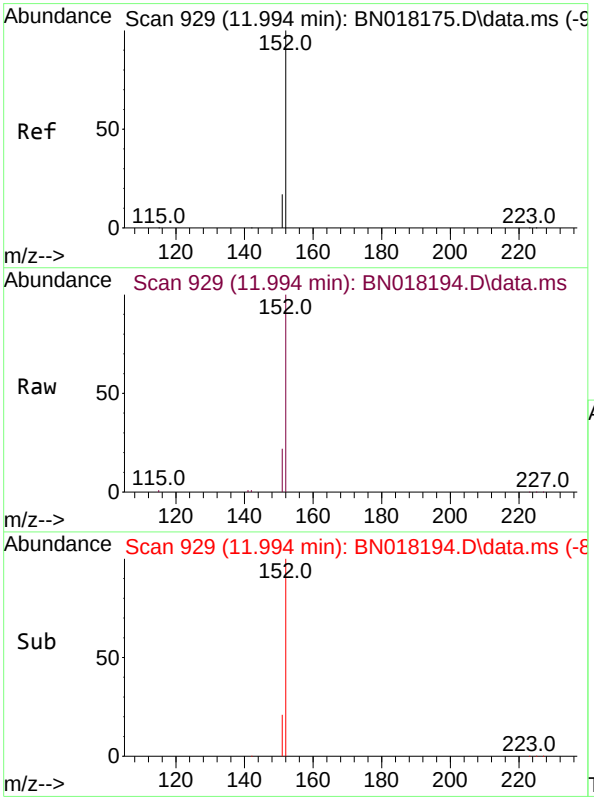
#9
Naphthalene
Concen: 0.136 ng
RT: 10.445 min Scan# 7
Delta R.T. 0.001 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:128 Resp: 34318

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.7	13.1
127	13.6	10.4	15.6

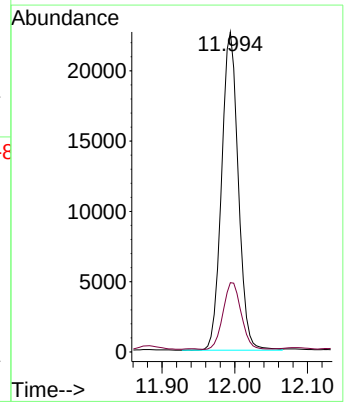


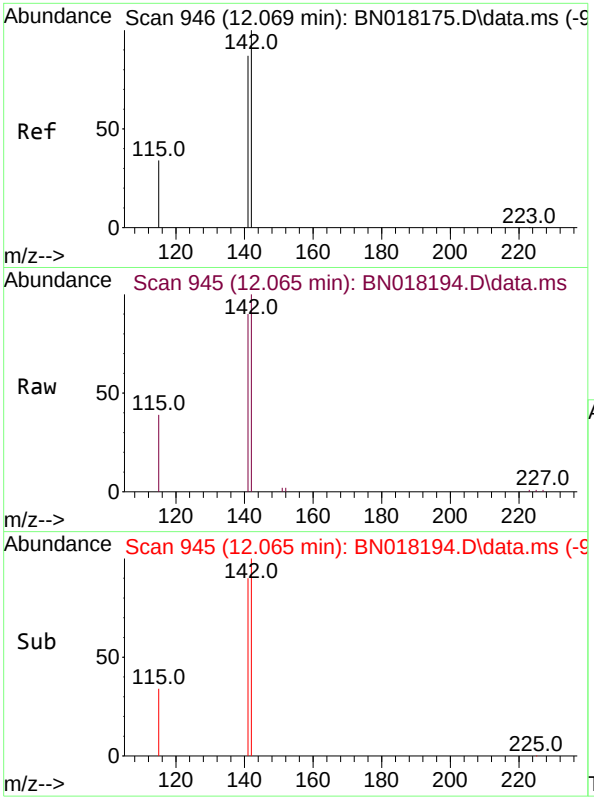


#11
2-Methylnaphthalene-d10
Concen: 0.206 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:152 Resp: 36130

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.2	24.2



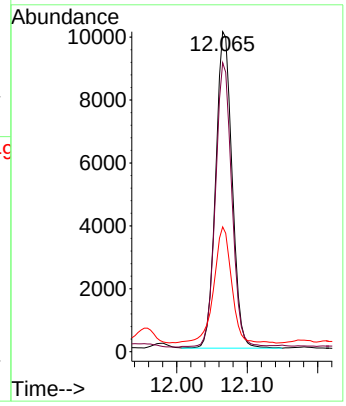


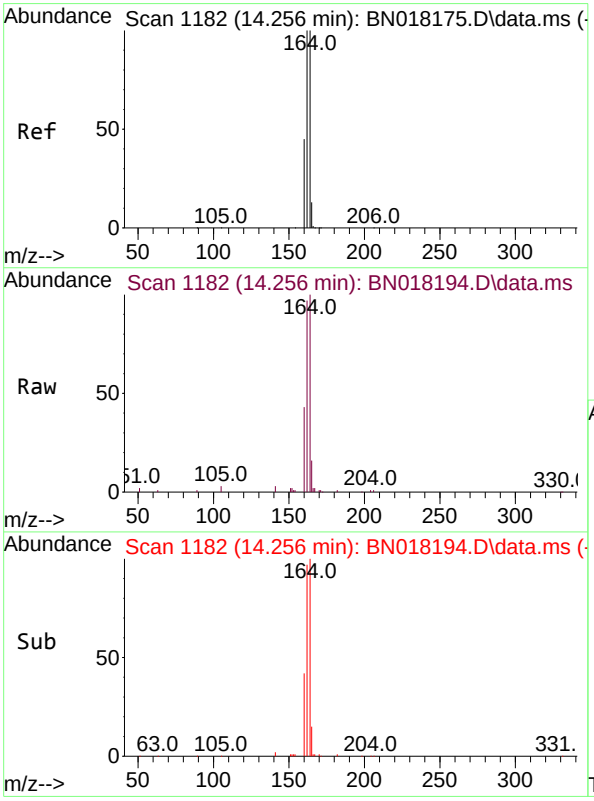
#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 12.065 min Scan# 94
Delta R.T. -0.004 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:142 Resp: 16278

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.0	105.0
115	39.0	27.8	41.8

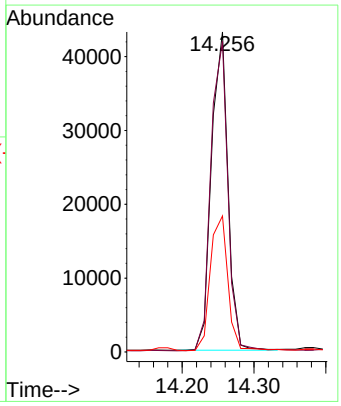


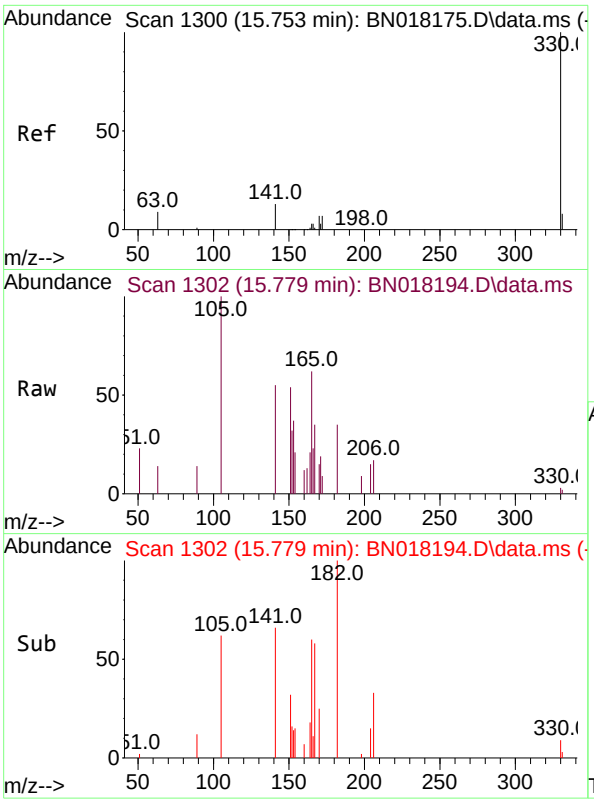


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:164 Resp: 68628

Ion	Ratio	Lower	Upper
164	100		
162	97.1	80.2	120.2
160	42.5	36.9	55.3



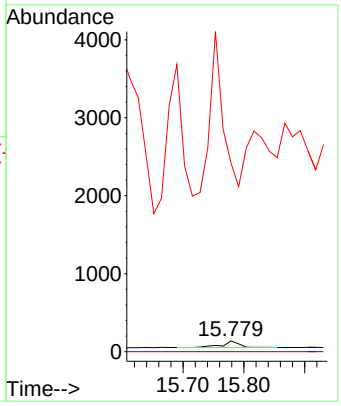


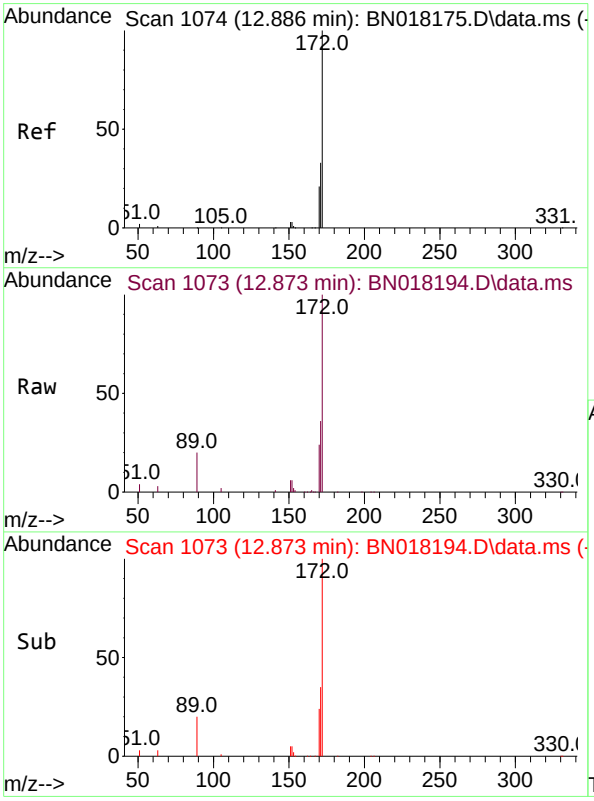
#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.779 min Scan# 1
Delta R.T. 0.026 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:330 Resp: 165

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

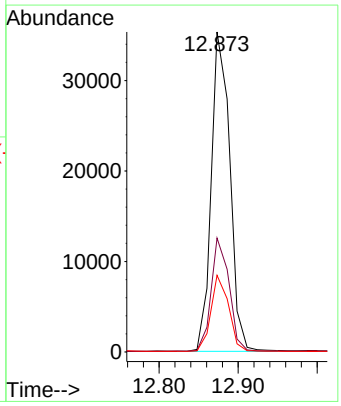


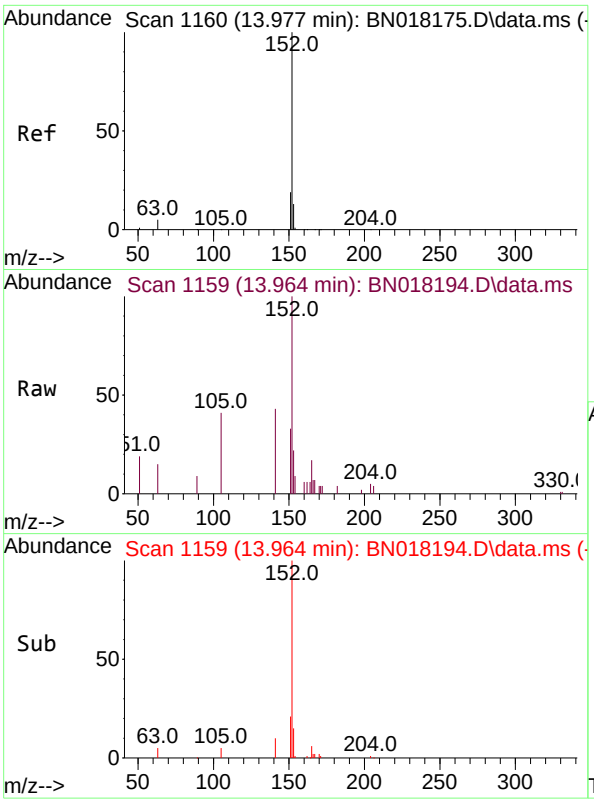


#15
2-Fluorobiphenyl
Concen: 0.225 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:172 Resp: 57622

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.4	41.0
170	23.9	18.4	27.6



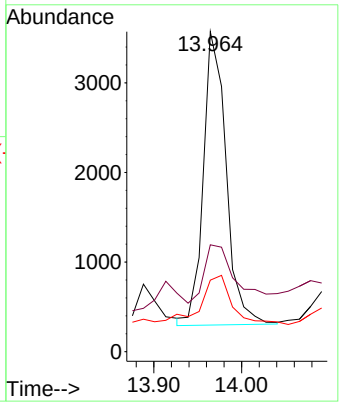


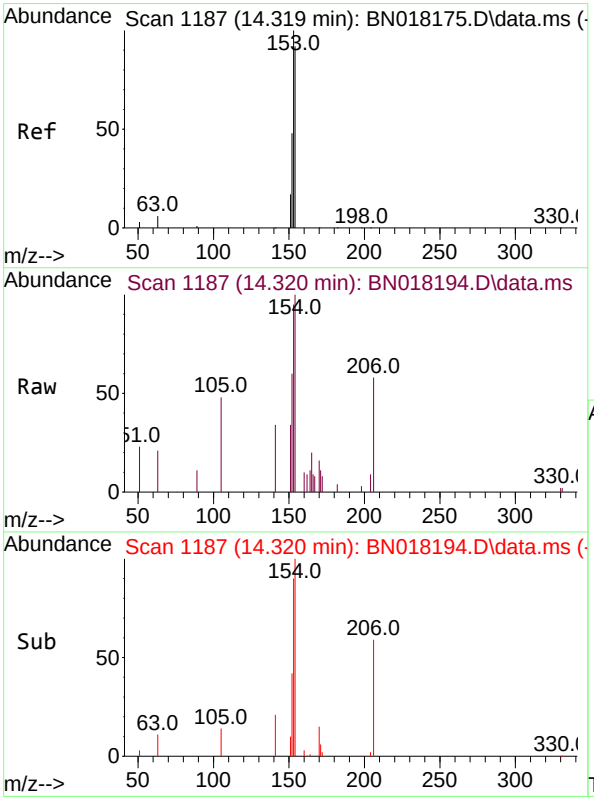
#16
Acenaphthylene
Concen: 0.023 ng
RT: 13.964 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:152 Resp: 5887

Ion	Ratio	Lower	Upper
152	100		
151	32.6	15.8	23.6#
153	24.7	10.5	15.7#

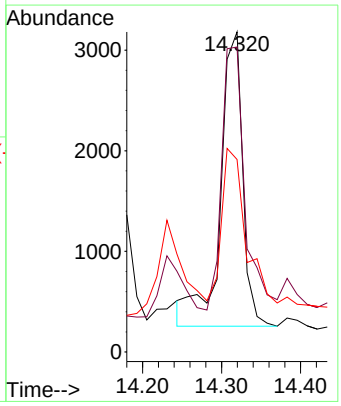


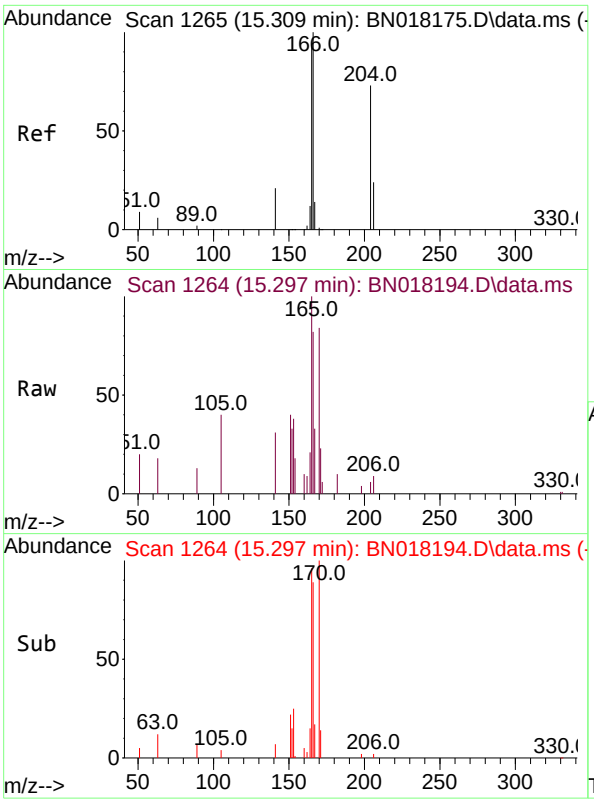


#17
Acenaphthene
Concen: 0.032 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.001 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:154 Resp: 5736

Ion	Ratio	Lower	Upper
154	100		
153	92.7	90.9	136.3
152	60.0	45.0	67.4



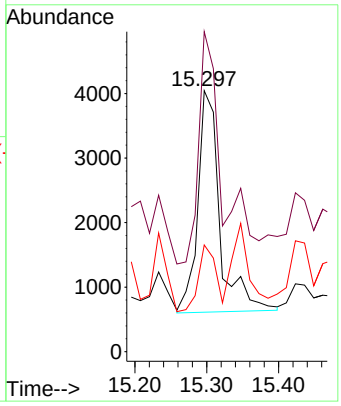


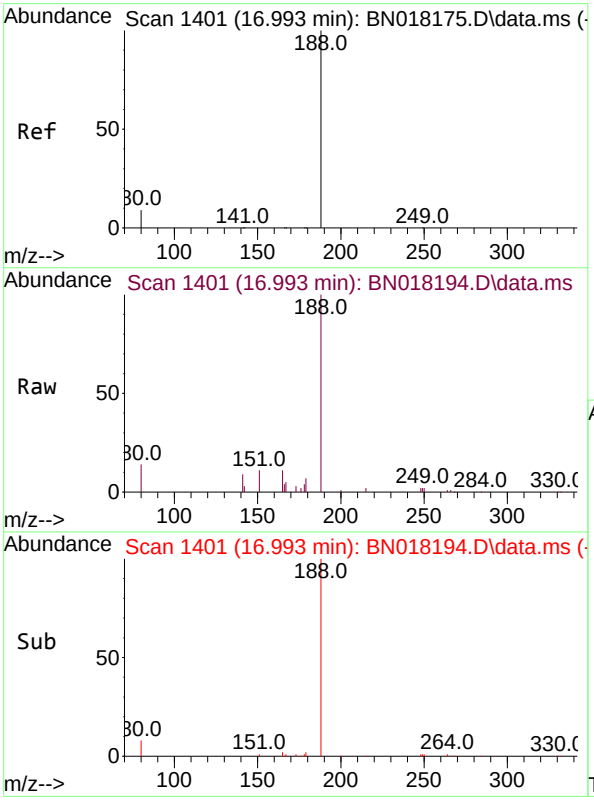
#18
Fluorene
Concen: 0.034 ng
RT: 15.297 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:166 Resp: 7325

Ion	Ratio	Lower	Upper
166	100		
165	112.2	77.8	116.6
167	23.7	10.9	16.3#

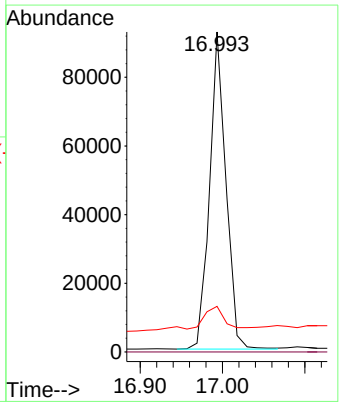


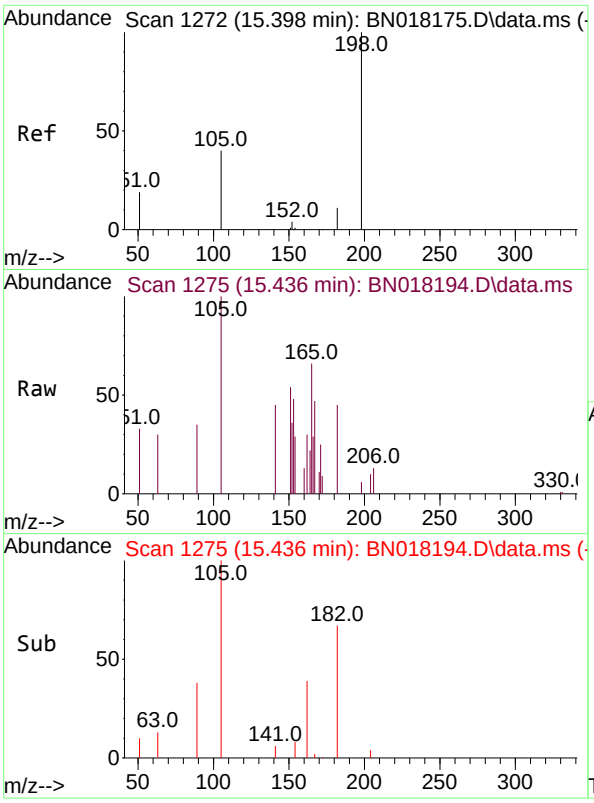


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:188 Resp: 127372

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	7.0	10.4#



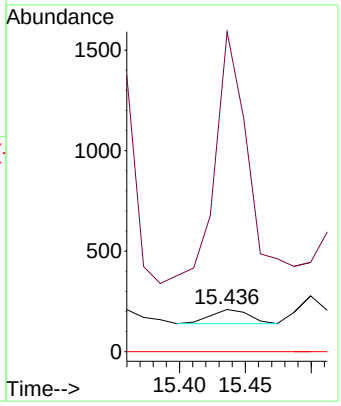


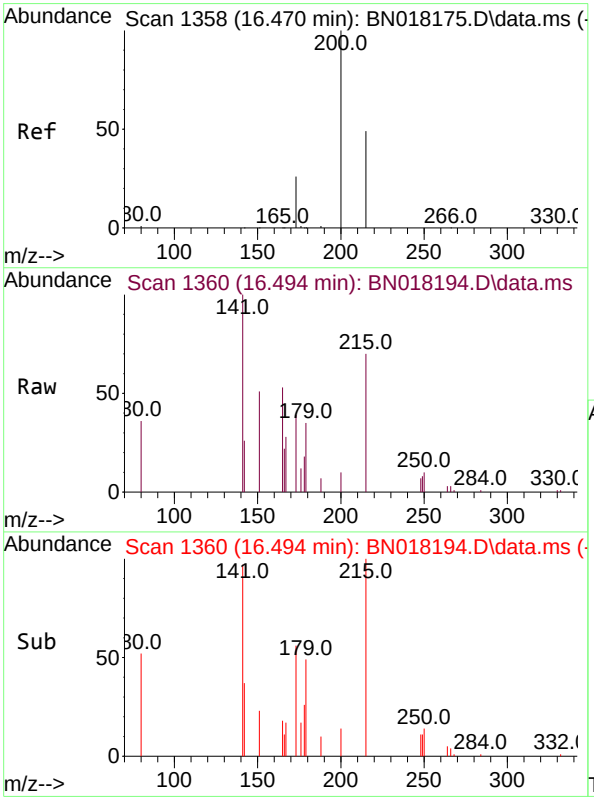
#20
4,6-Dinitro-2-methylphenol
Concen: 0.174 ng
RT: 15.436 min Scan# 1
Delta R.T. 0.038 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:198 Resp: 144

Ion	Ratio	Lower	Upper
198	100		
182	758.1	15.5	23.3#
77	0.0	0.0	0.0

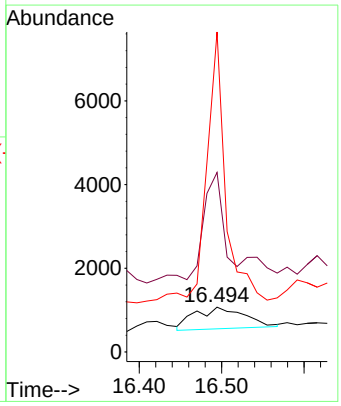


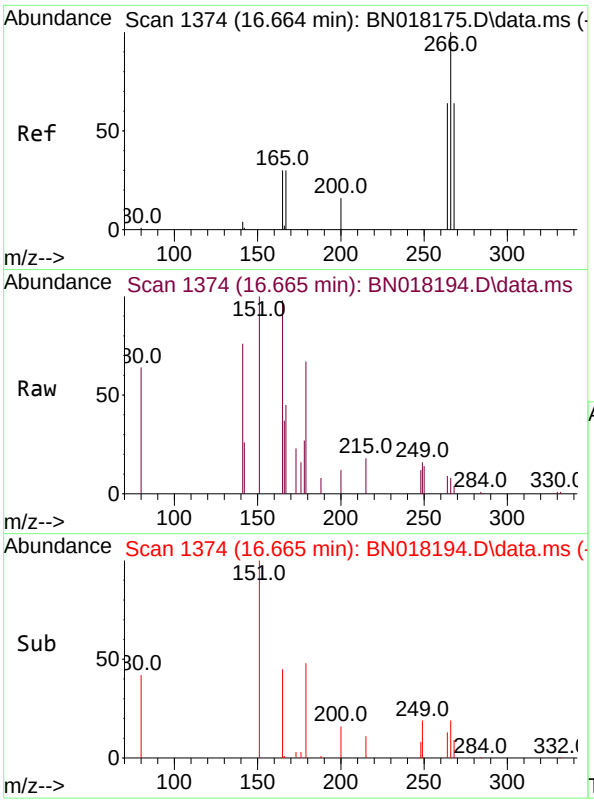


#23
Atrazine
Concen: 0.136 ng
RT: 16.494 min Scan# 1360
Delta R.T. 0.024 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:200 Resp: 2185

Ion	Ratio	Lower	Upper
200	100		
173	400.1	20.3	30.5#
215	713.3	40.4	60.6#



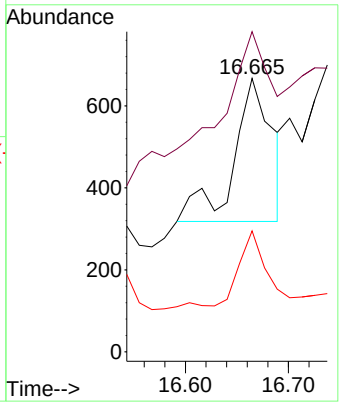


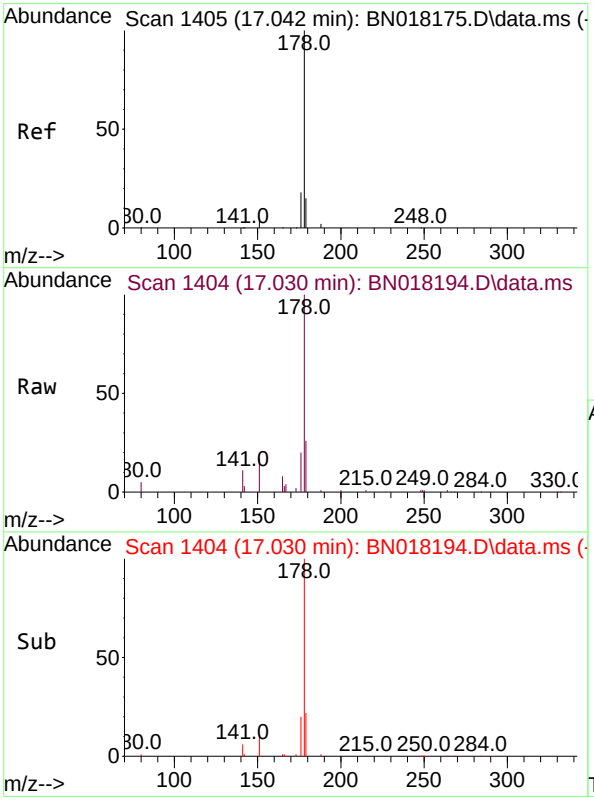
#24
Pentachlorophenol
Concen: 0.315 ng
RT: 16.665 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:266 Resp: 910

Ion	Ratio	Lower	Upper
266	100		
264	81.9	49.5	74.3#
268	40.8	50.6	76.0#

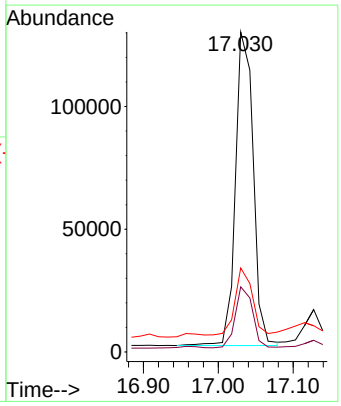


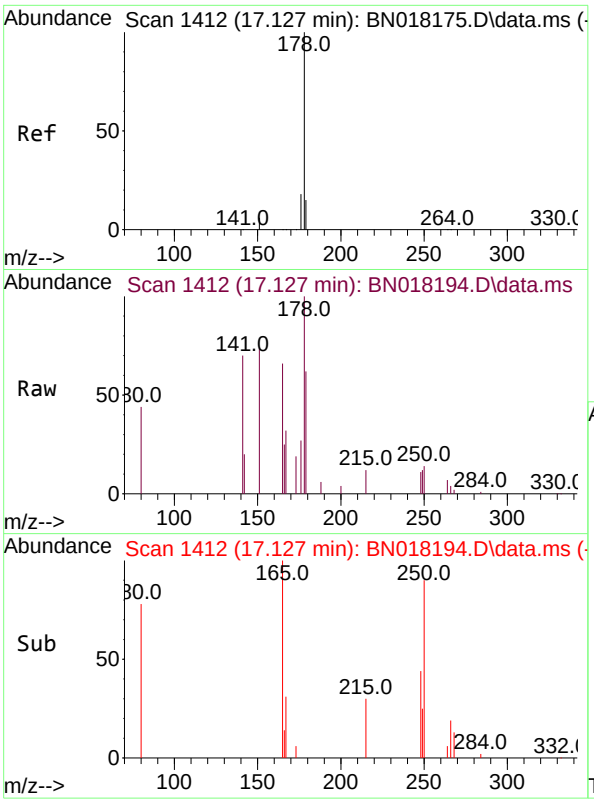


#25
Phenanthrene
Concen: 0.622 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:178 Resp: 210123

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	20.8	12.3	18.5#



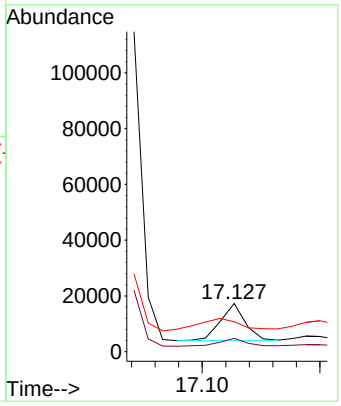


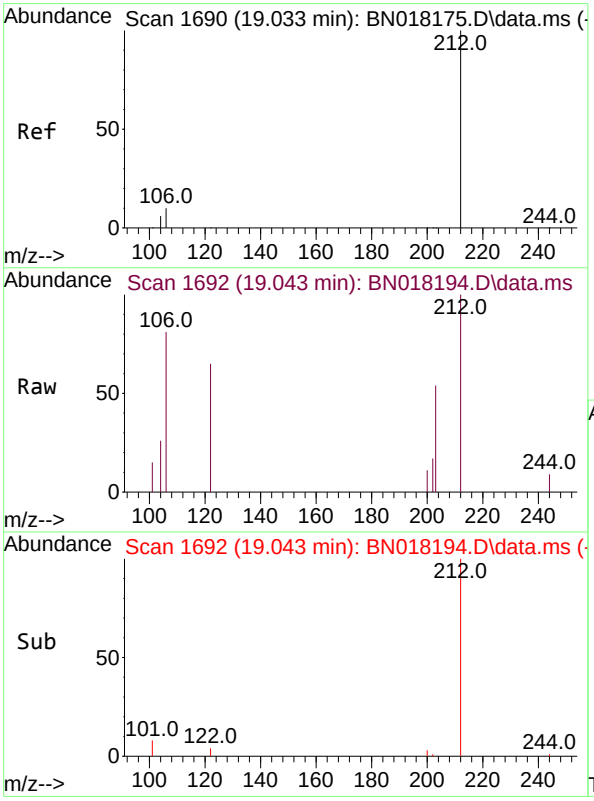
#26
Anthracene
Concen: 0.070 ng
RT: 17.127 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:178 Resp: 19563

Ion	Ratio	Lower	Upper
178	100		
176	23.5	14.8	22.2#
179	58.4	12.2	18.4#

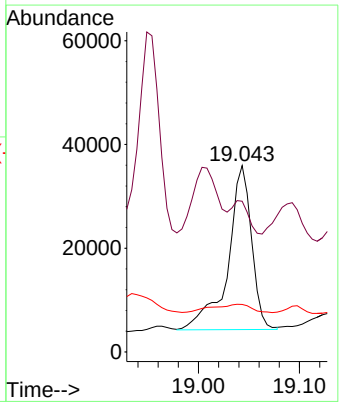


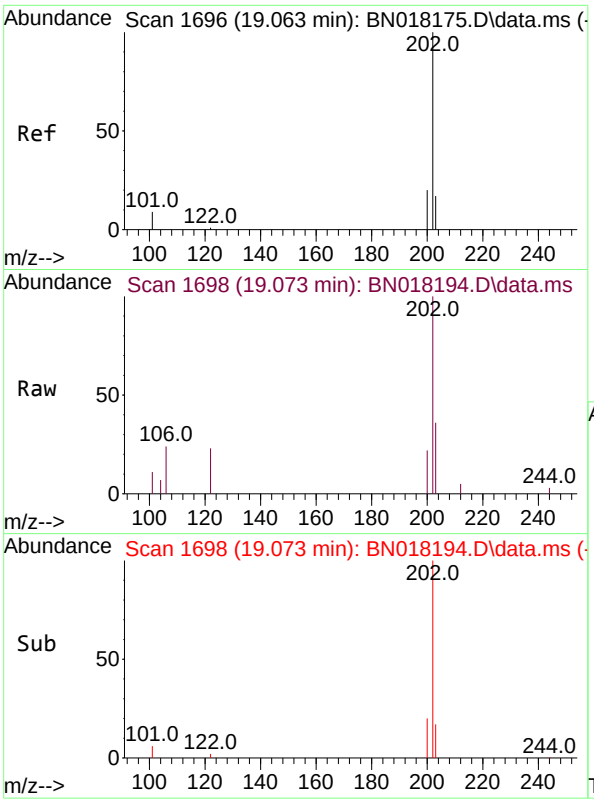


#27
Fluoranthene-d10
Concen: 0.128 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.010 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:212 Resp: 51556

Ion	Ratio	Lower	Upper
212	100		
106	13.8	8.4	12.6#
104	8.3	4.5	6.7#



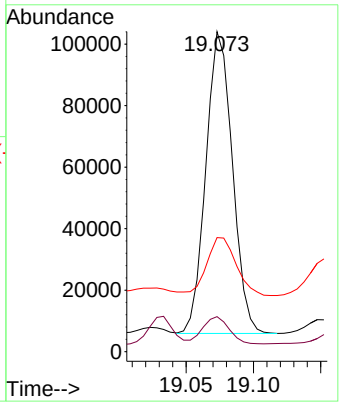


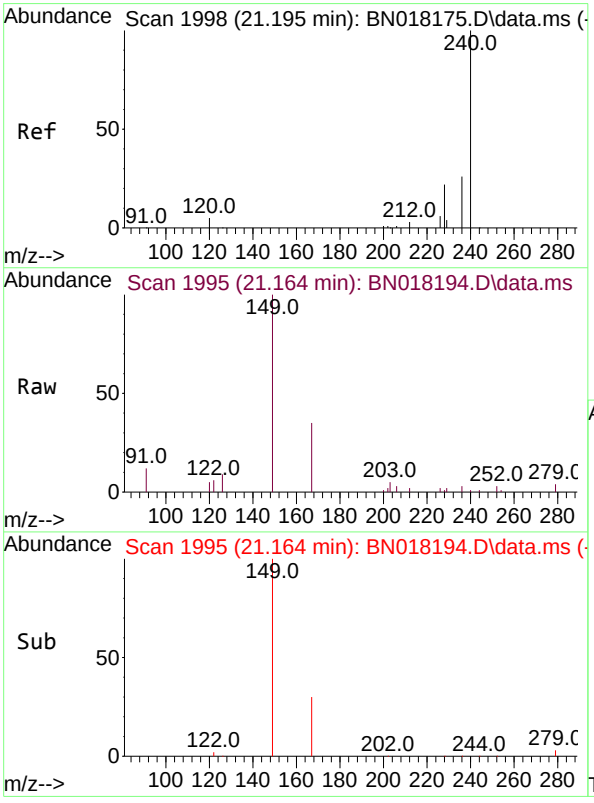
#28
Fluoranthene
Concen: 0.341 ng
RT: 19.073 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:202 Resp: 134542

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	21.2	13.7	20.5#

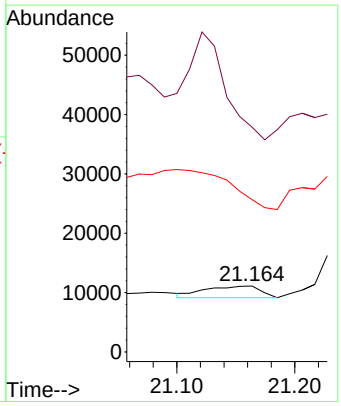


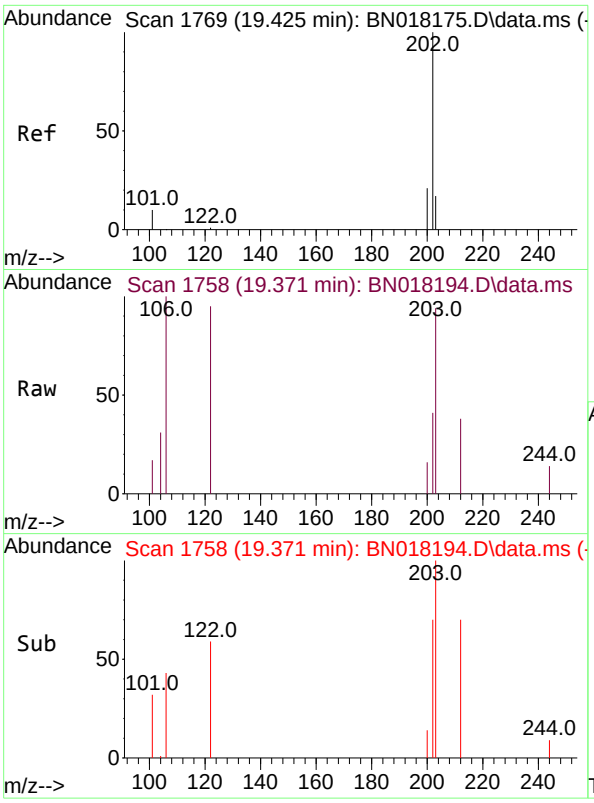


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.031 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:240 Resp: 6413

Ion	Ratio	Lower	Upper
240	100		
120	340.6	6.0	9.0#
236	230.8	21.4	32.2#



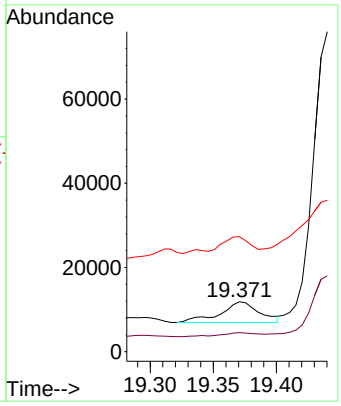


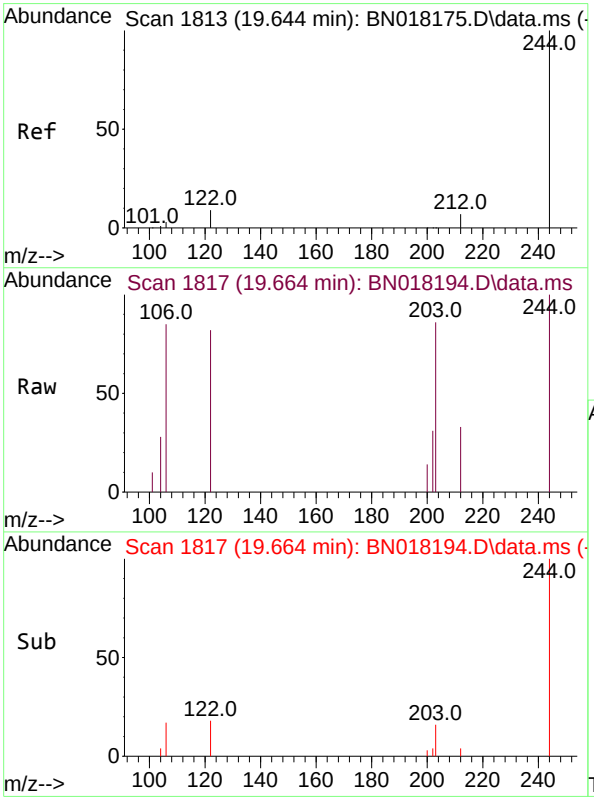
#30
Pyrene
Concen: 0.515 ng
RT: 19.371 min Scan# 1
Delta R.T. -0.054 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:202 Resp: 10606

Ion	Ratio	Lower	Upper
202	100		
200	18.5	16.6	25.0
203	71.8	14.1	21.1#

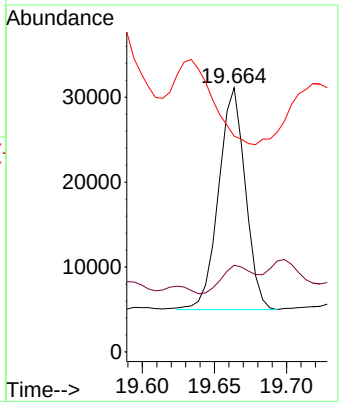


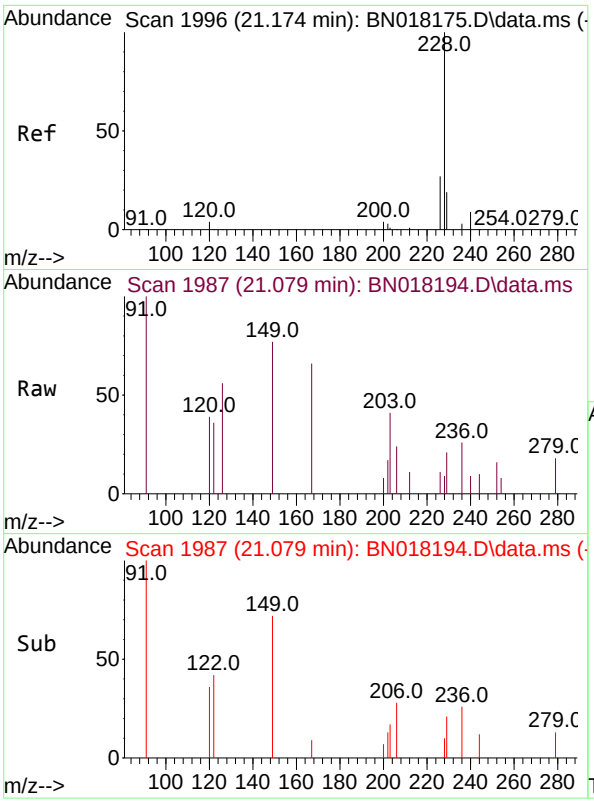


#31
Terphenyl-d14
Concen: 2.381 ng
RT: 19.664 min Scan# 1817
Delta R.T. 0.020 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:244 Resp: 33599

Ion	Ratio	Lower	Upper
244	100		
212	32.8	6.2	9.2#
122	81.7	7.9	11.9#



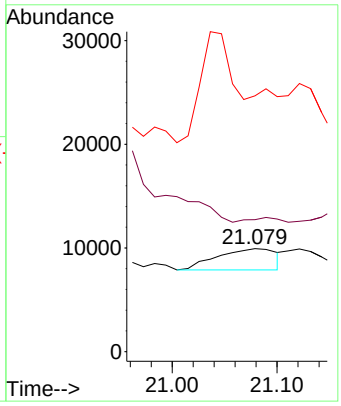


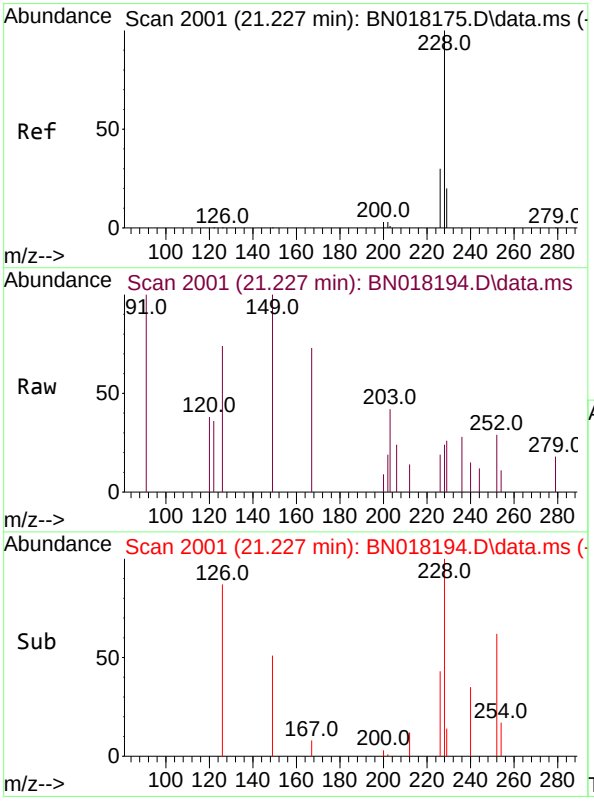
#32
Benzo(a)anthracene
Concen: 0.432 ng
RT: 21.079 min Scan# 1
Delta R.T. -0.095 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:228 Resp: 8044

Ion	Ratio	Lower	Upper
228	100		
226	128.2	21.3	31.9#
229	248.3	15.9	23.9#

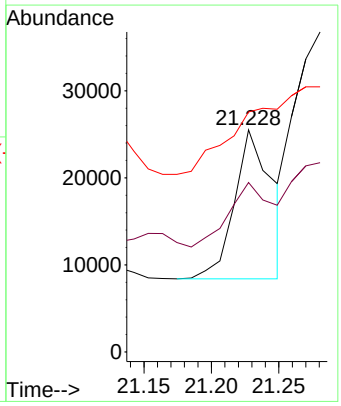


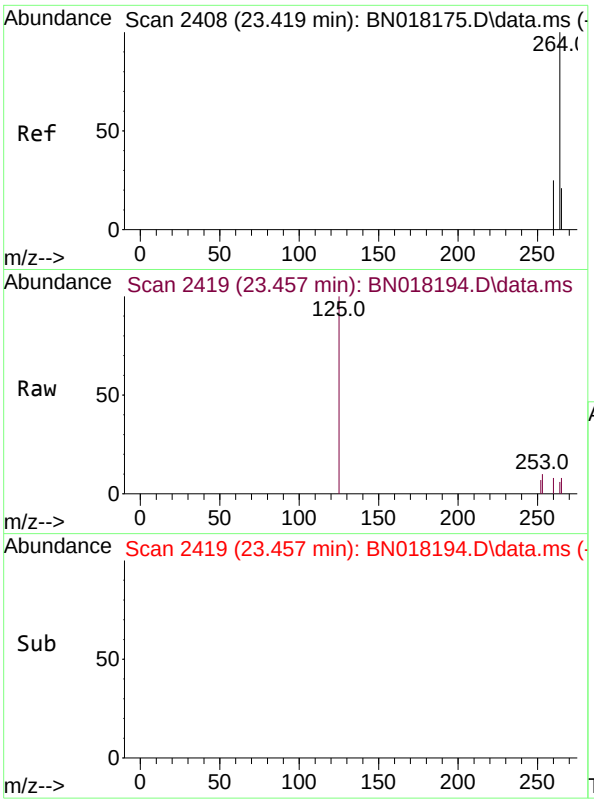


#33
Chrysene
Concen: 1.634 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:228 Resp: 33219

Ion	Ratio	Lower	Upper
228	100		
226	76.3	24.2	36.4#
229	108.1	15.5	23.3#



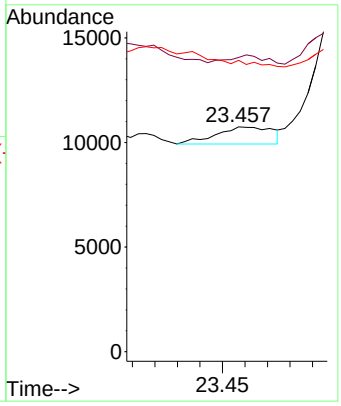


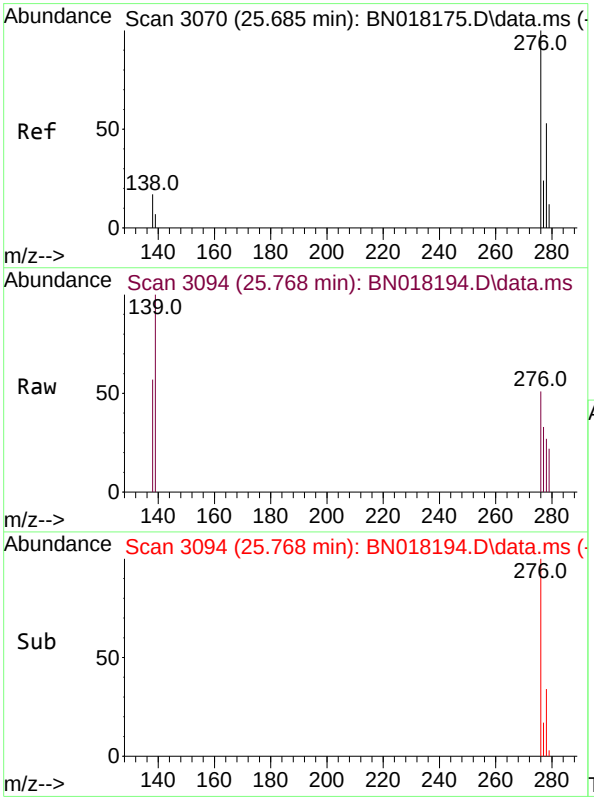
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.457 min Scan# 24
Delta R.T. 0.038 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:264 Resp: 1438

Ion	Ratio	Lower	Upper
264	100		
260	130.8	20.2	30.4#
265	129.6	18.2	27.2#

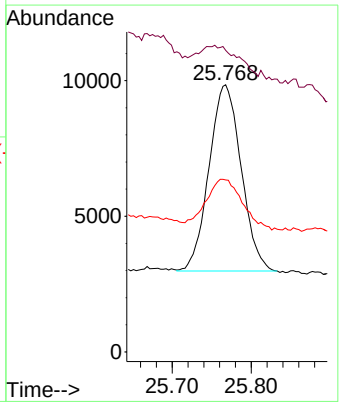


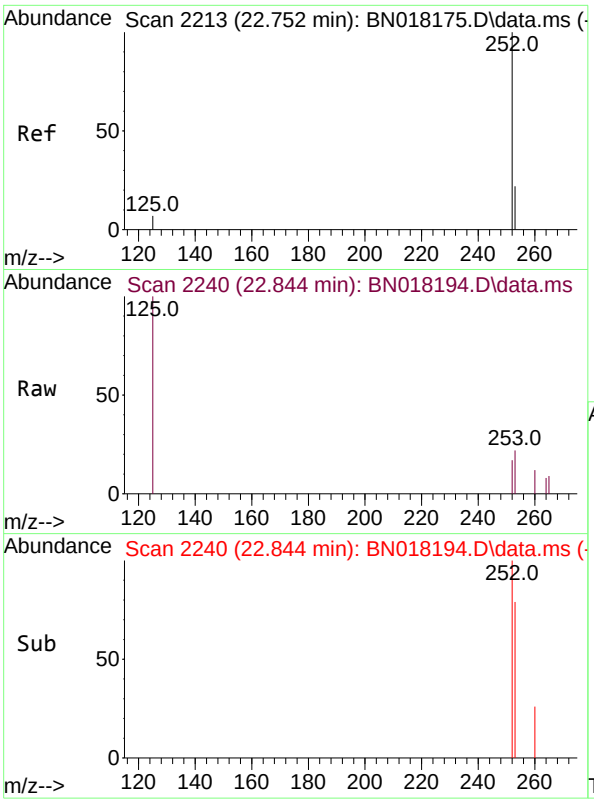


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.645 ng
RT: 25.768 min Scan# 3094
Delta R.T. 0.083 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:276 Resp: 19331

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.9	22.3#
277	30.6	19.9	29.9#



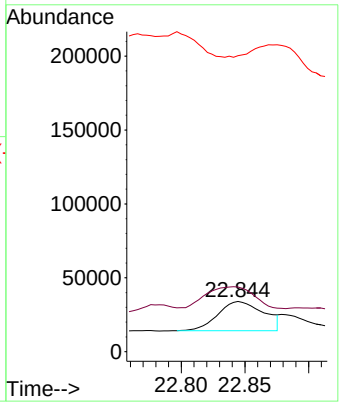


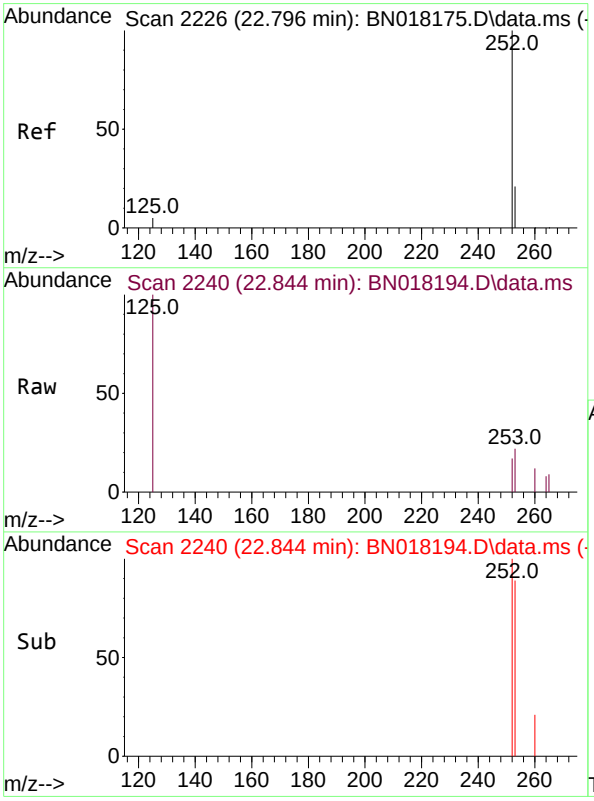
#37
Benzo(b)fluoranthene
Concen: 11.229 ng
RT: 22.844 min Scan# 2
Delta R.T. 0.092 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:252 Resp: 49944

Ion	Ratio	Lower	Upper
252	100		
253	128.7	17.8	26.6#
125	589.6	6.0	9.0#

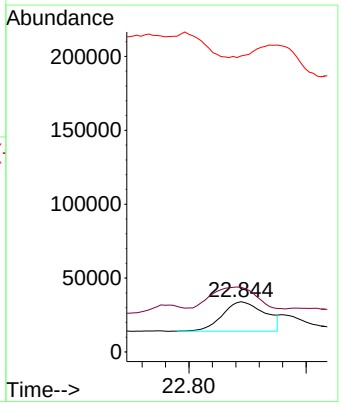


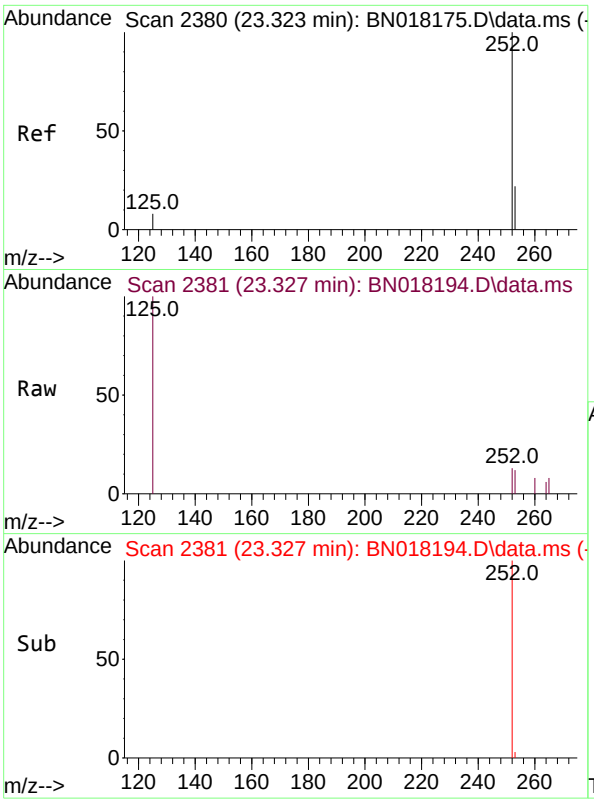


#38
Benzo(k)fluoranthene
Concen: 11.179 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.048 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:252 Resp: 50098

Ion	Ratio	Lower	Upper
252	100		
253	128.7	17.7	26.5#
125	589.6	6.2	9.2#



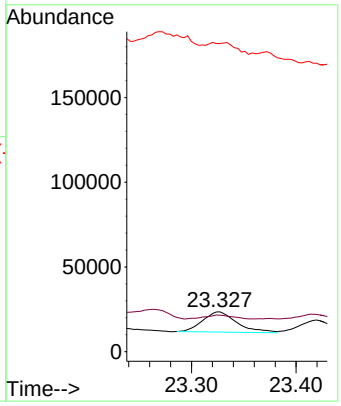


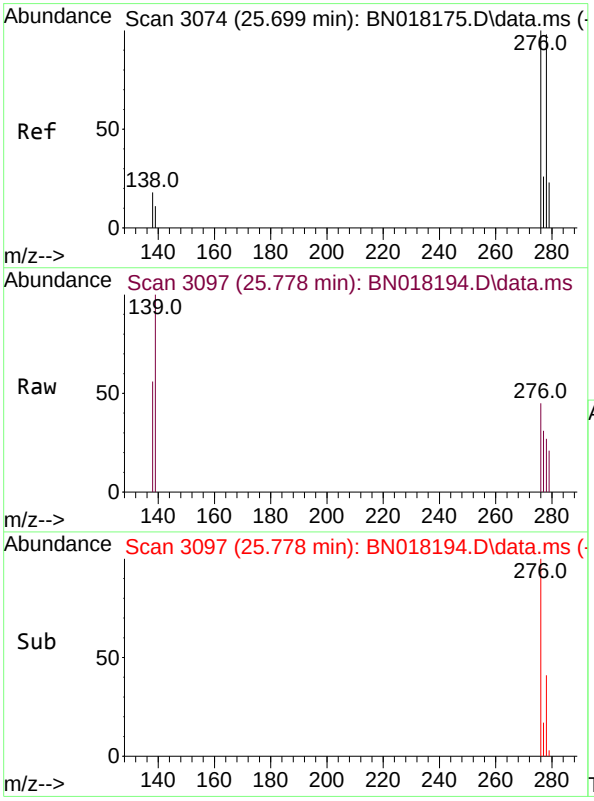
#39
Benzo(a)pyrene
Concen: 6.825 ng
RT: 23.327 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:252 Resp: 27283

Ion	Ratio	Lower	Upper
252	100		
253	91.3	17.8	26.6#
125	772.3	7.0	10.4#

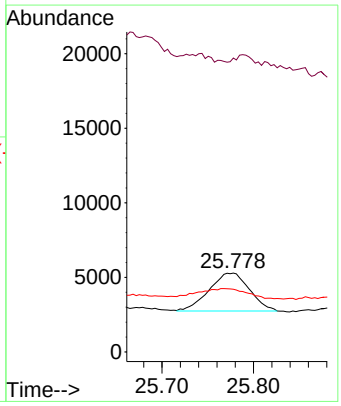


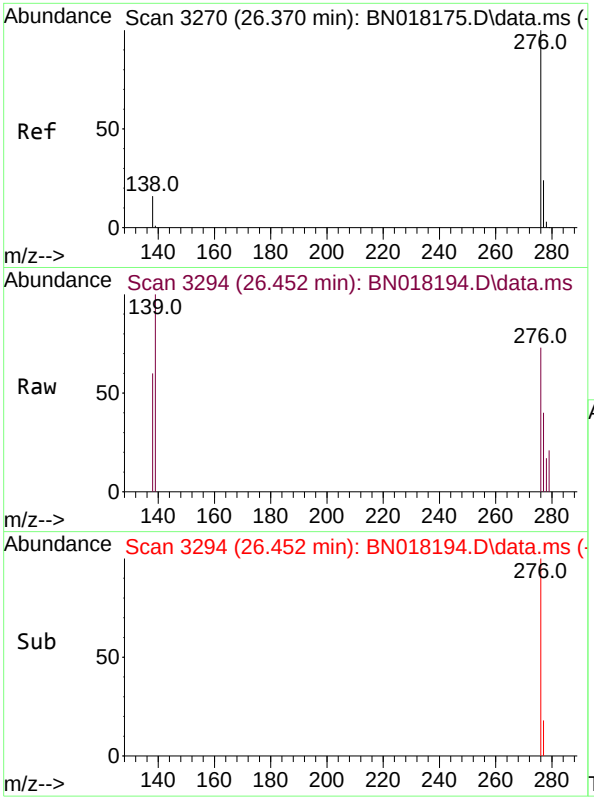


#40
Dibenzo(a,h)anthracene
Concen: 2.212 ng
RT: 25.778 min Scan# 3097
Delta R.T. 0.079 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Tgt Ion:278 Resp: 7762

Ion	Ratio	Lower	Upper
278	100		
139	372.6	10.8	16.2#
279	79.4	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 6.259 ng
RT: 26.452 min Scan# 3
Delta R.T. 0.082 min
Lab File: BN018194.D
Acq: 24 Dec 2021 00:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion:276 Resp: 23998

Ion	Ratio	Lower	Upper
276	100		
277	55.2	19.0	28.6#
138	81.3	12.6	19.0#