Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018193.D
Acq On : 23 Dec 2021 23:50
Operator : CG/JU
Sample : M5107-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Quant Time: Dec 24 23:33:11 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	21076	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	89687	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	58238	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	117590	0.400	ng	0.00
29) Chrysene-d12	21.195	240	74115	0.400	ng	# 0.00
35) Perylene-d12	23.436	264	88127	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	57	0.001	ng	0.03
5) Phenol-d6	6.822	99	752	0.015	ng	0.00
8) Nitrobenzene-d5	8.759	82	17594	0.291	ng	-0.01
11) 2-Methylnaphthalene-d10	11.994	152	35657	0.231	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	100	0.183	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	56307	0.259	ng	-0.01
27) Fluoranthene-d10	19.033	212	77890	0.209	ng	0.00
31) Terphenyl-d14	19.639	244	57559	0.353	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.474	42	18933	1.028	ng	# 1
9) Naphthalene	10.444	128	11089	0.050	ng	97
12) 2-Methylnaphthalene	12.069	142	9247	0.063	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	74	0.167	ng	# 1
23) Atrazine	16.470	200	202	0.105	ng	# 1
24) Pentachlorophenol	16.664	266	278	0.300	ng	96
25) Phenanthrene	17.029	178	76661	0.246	ng	# 96
26) Anthracene	17.127	178	7539	0.029	ng	# 82
28) Fluoranthene	19.063	202	102911	0.282	ng	99
30) Pyrene	19.425	202	83116	0.349	ng	97
32) Benzo(a)anthracene	21.185	228	33838	0.157	ng	# 59
33) Chrysene	21.227	228	46239	0.197	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.132	149	362330	3.276	ng	99
36) Indeno(1,2,3-cd)pyrene	25.709	276	32544	0.128	ng	99
37) Benzo(b)fluoranthene	22.765	252	46671	0.171	ng	# 1
39) Benzo(a)pyrene	23.337	252	30075	0.123	ng	# 1
40) Dibenzo(a,h)anthracene	25.723	278	15261	0.100	ng	# 1
41) Benzo(g,h,i)perylene	26.401	276	35650	0.152	ng	# 18

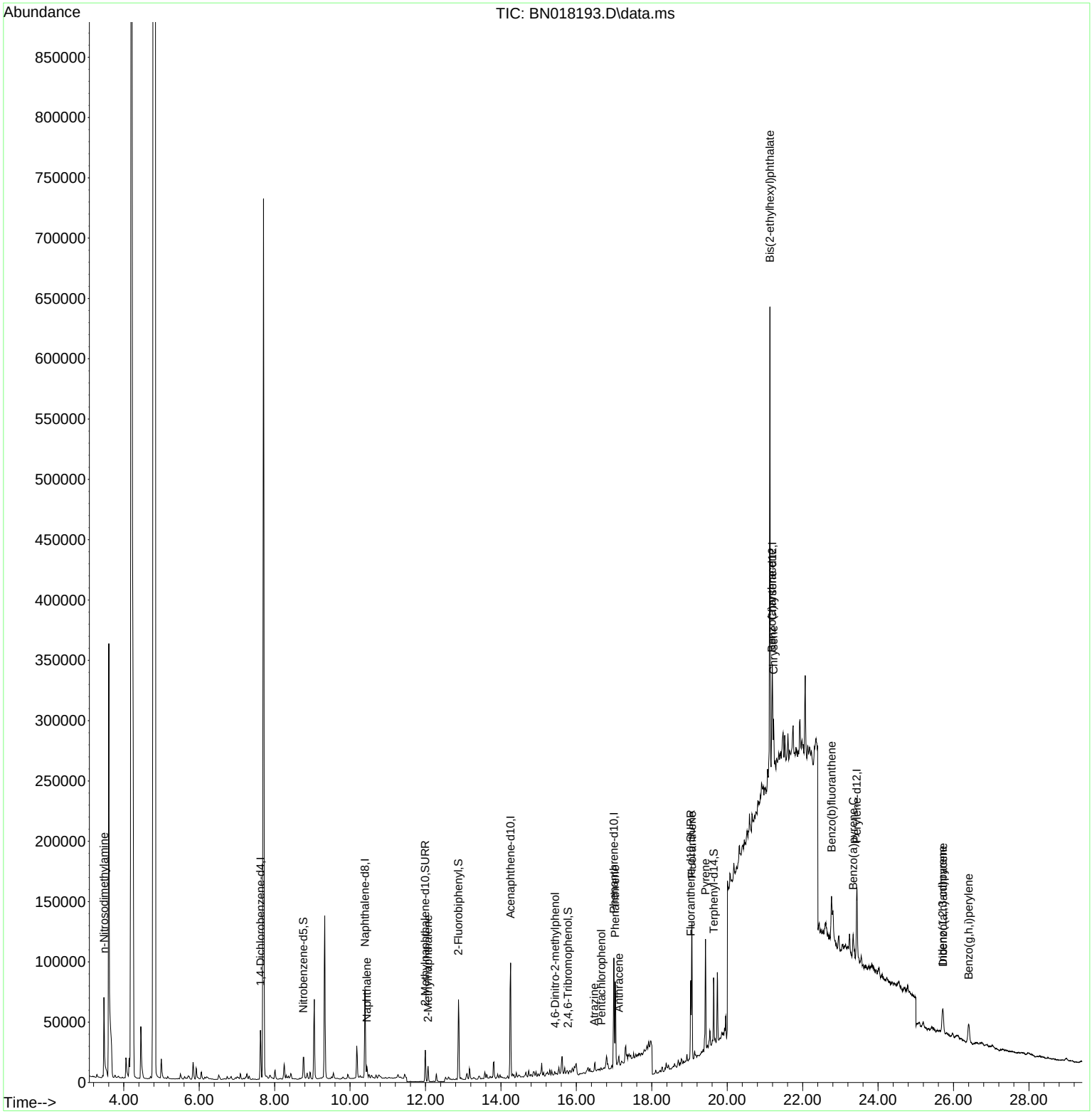
(#) = qualifier out of range (m) = manual integration (+) = signals summed

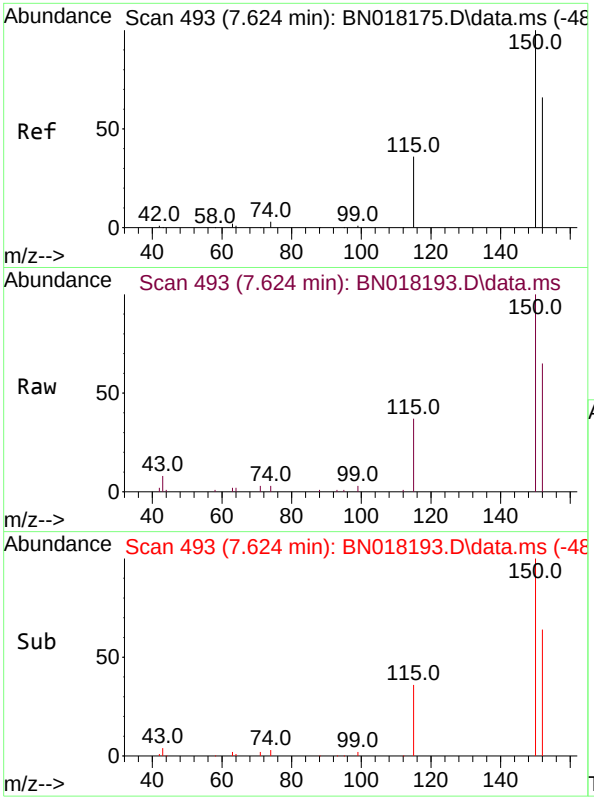
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018193.D
Acq On : 23 Dec 2021 23:50
Operator : CG/JU
Sample : M5107-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Quant Time: Dec 24 23:33:11 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



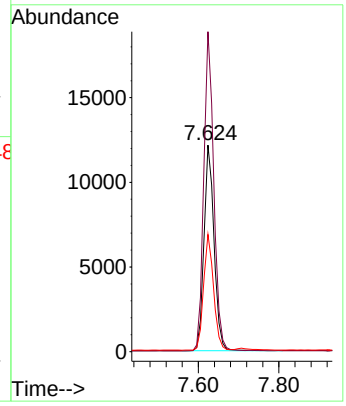


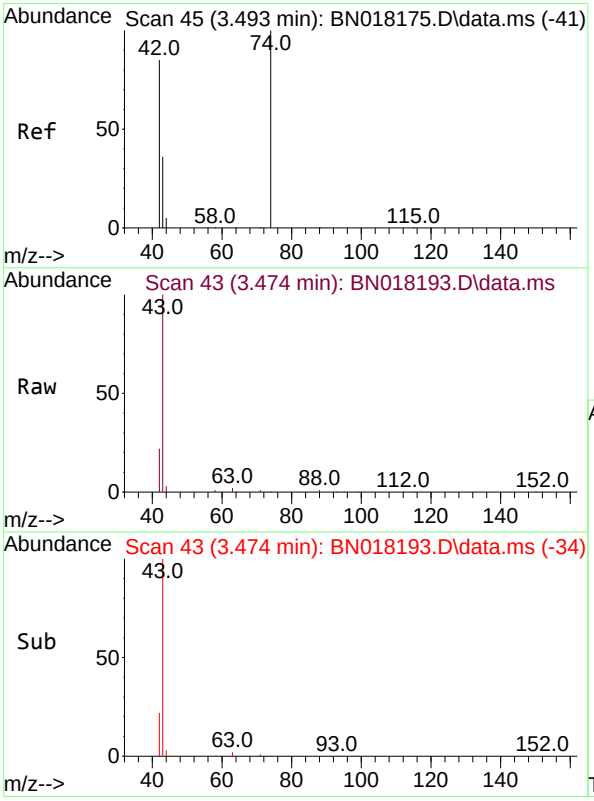
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:152 Resp: 21076

Ion	Ratio	Lower	Upper
152	100		
150	154.9	121.7	182.5
115	56.8	43.8	65.8

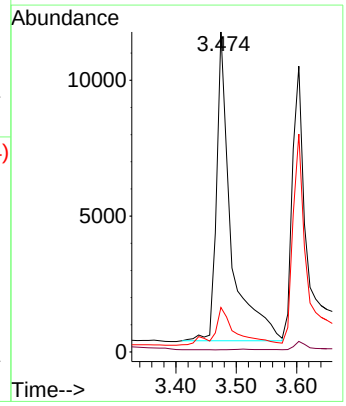


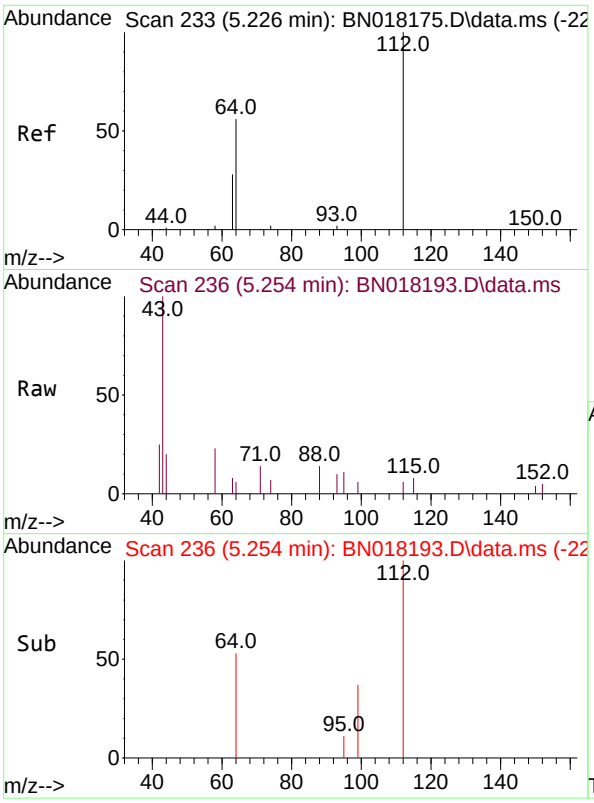


#3
n-Nitrosodimethylamine
Concen: 1.028 ng
RT: 3.474 min Scan# 43
Delta R.T. -0.019 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion: 42 Resp: 18933

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	17.2	5.8	8.8#



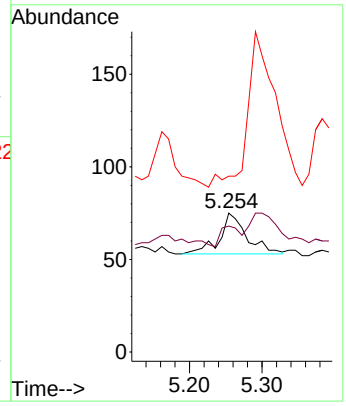


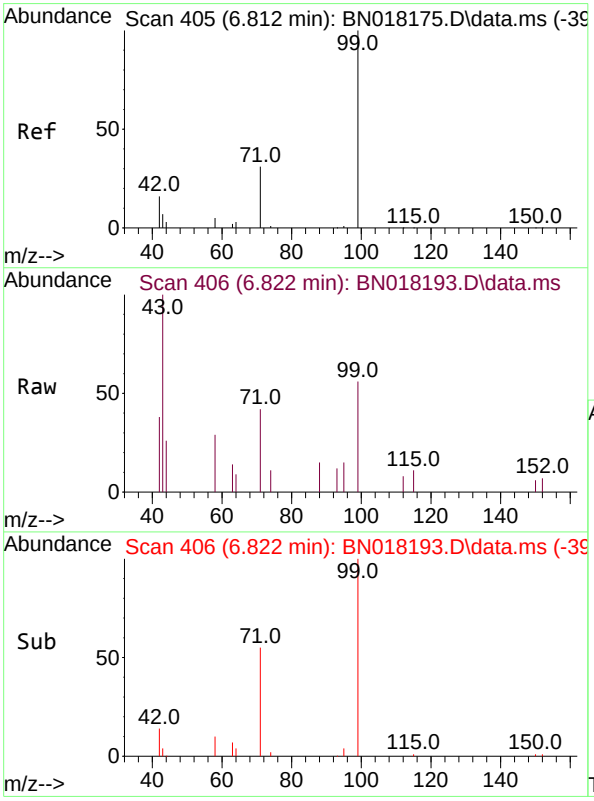
#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.254 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:112 Resp: 57

Ion	Ratio	Lower	Upper
112	100		
64	35.1	48.0	72.0#
63	0.0	25.3	37.9#

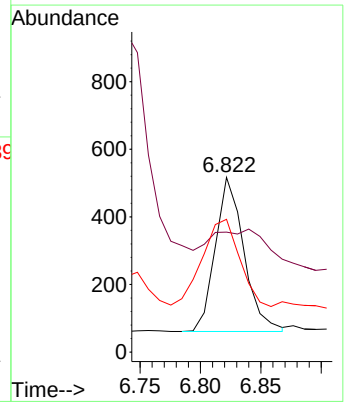


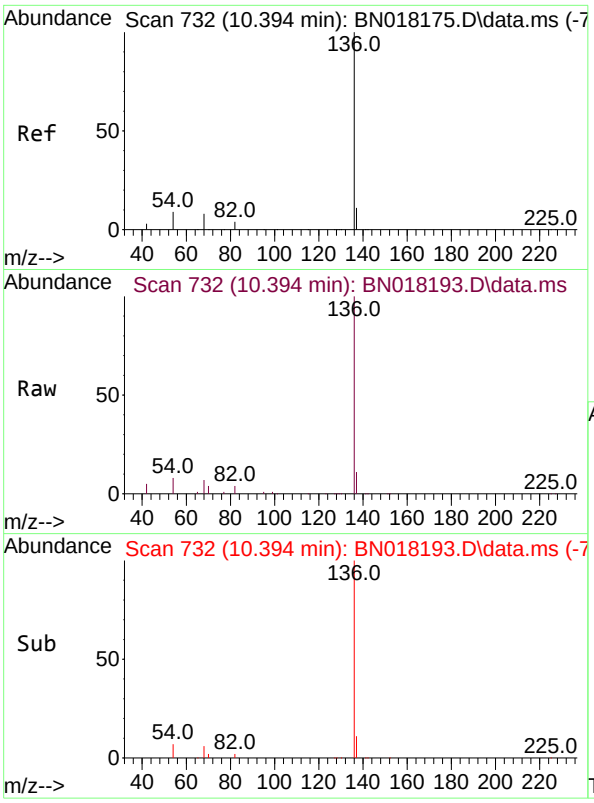


#5
Phenol-d6
Concen: 0.015 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.010 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion: 99 Resp: 752

Ion	Ratio	Lower	Upper
99	100		
42	41.0	16.3	24.5#
71	73.5	26.8	40.2#



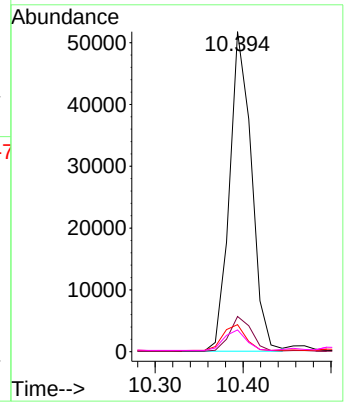


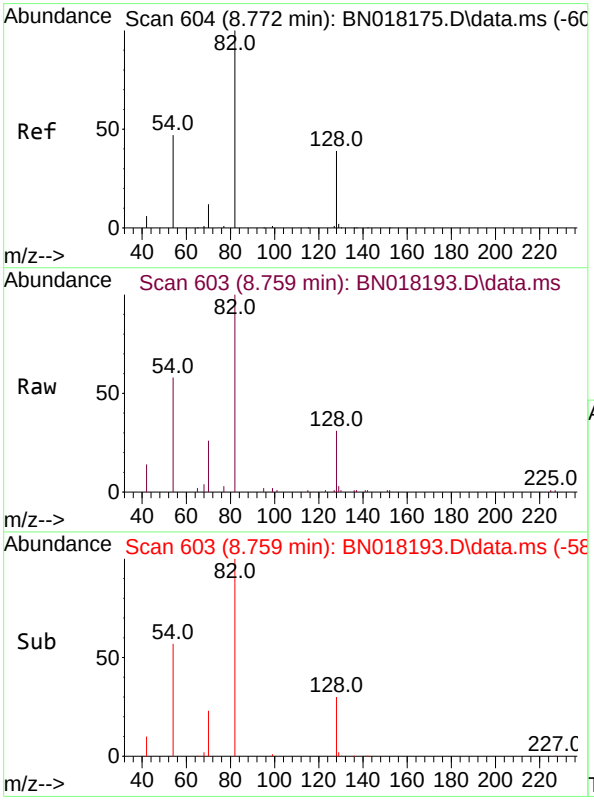
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:136 Resp: 89687

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.5	5.0	7.6#
68	6.8	4.4	6.6#

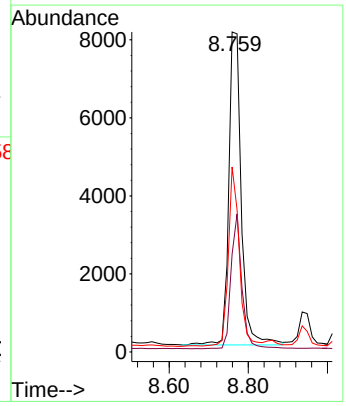


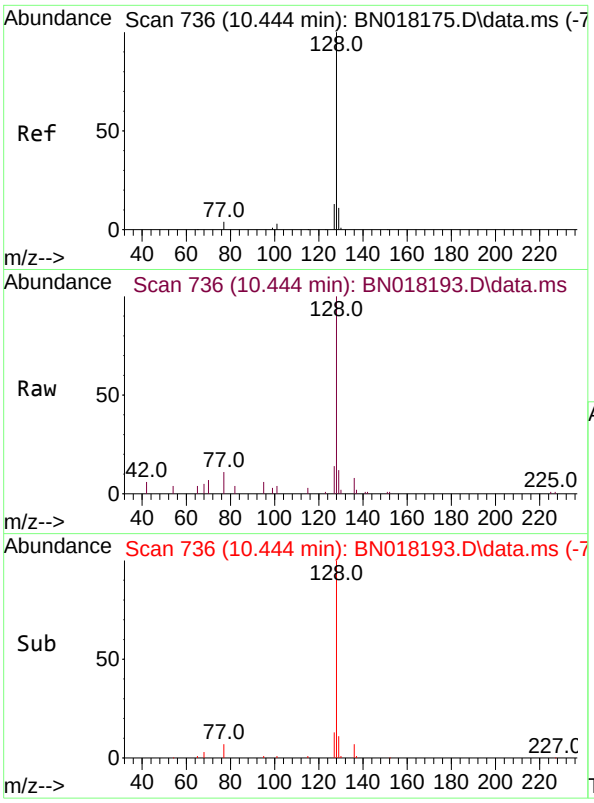


#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.013 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion: 82 Resp: 17594

Ion	Ratio	Lower	Upper
82	100		
128	30.6	33.7	50.5#
54	57.8	36.6	55.0#



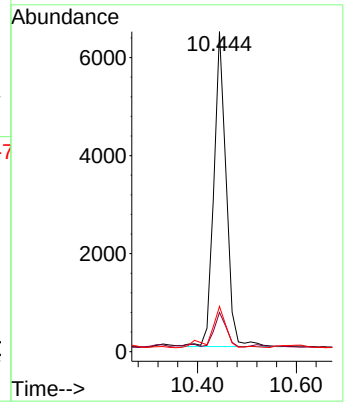


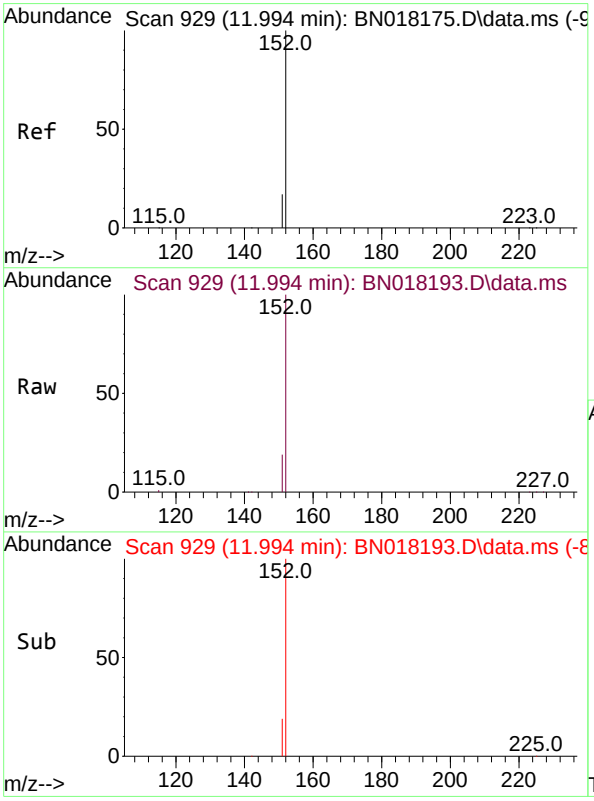
#9
Naphthalene
Concen: 0.050 ng
RT: 10.444 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:128 Resp: 11089

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.7	13.1
127	14.2	10.4	15.6

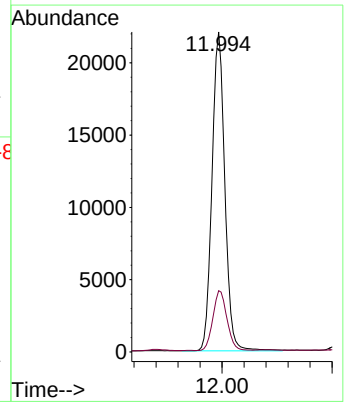


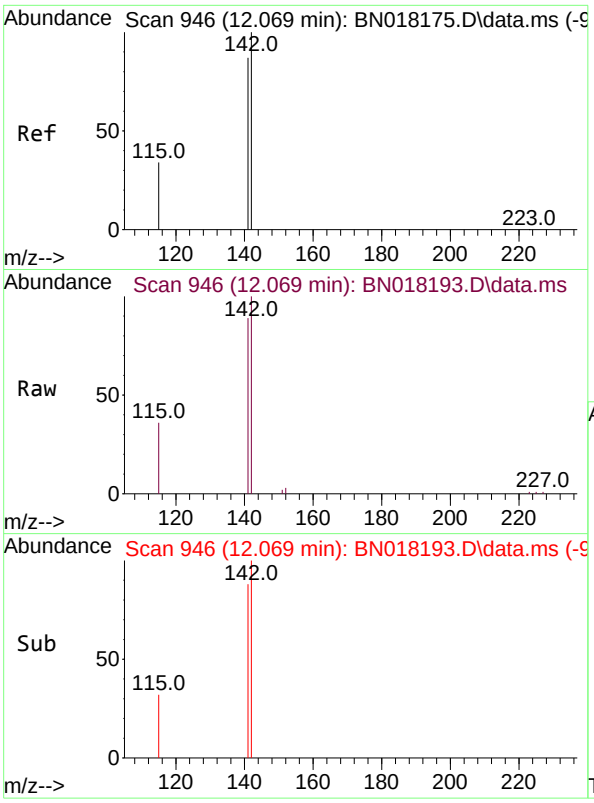


#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:152 Resp: 35657

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2



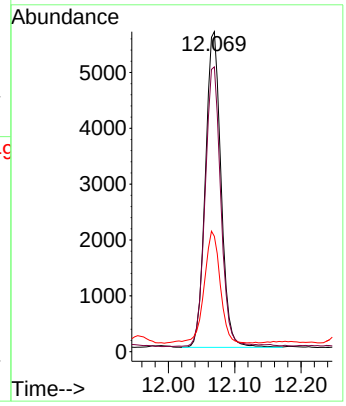


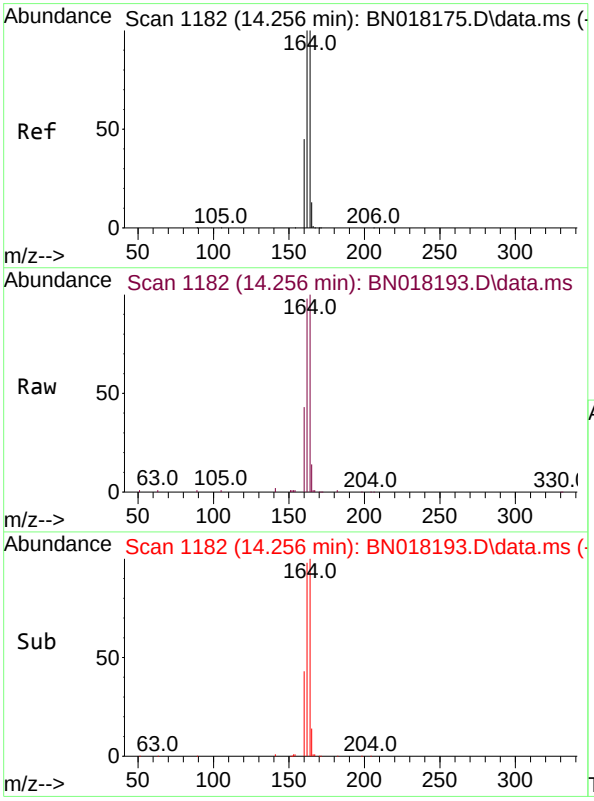
#12
2-Methylnaphthalene
Concen: 0.063 ng
RT: 12.069 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:142 Resp: 9247

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.0	105.0
115	36.1	27.8	41.8

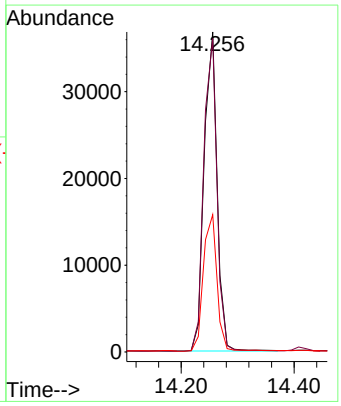


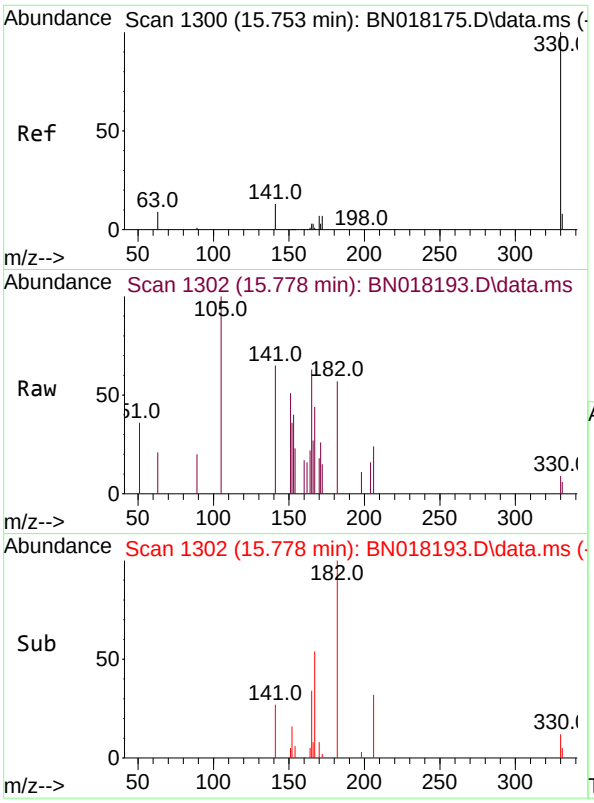


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:164 Resp: 58238

Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.2	120.2
160	42.9	36.9	55.3



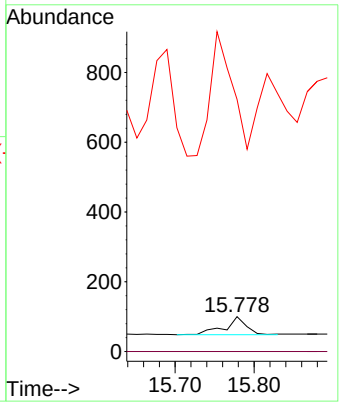


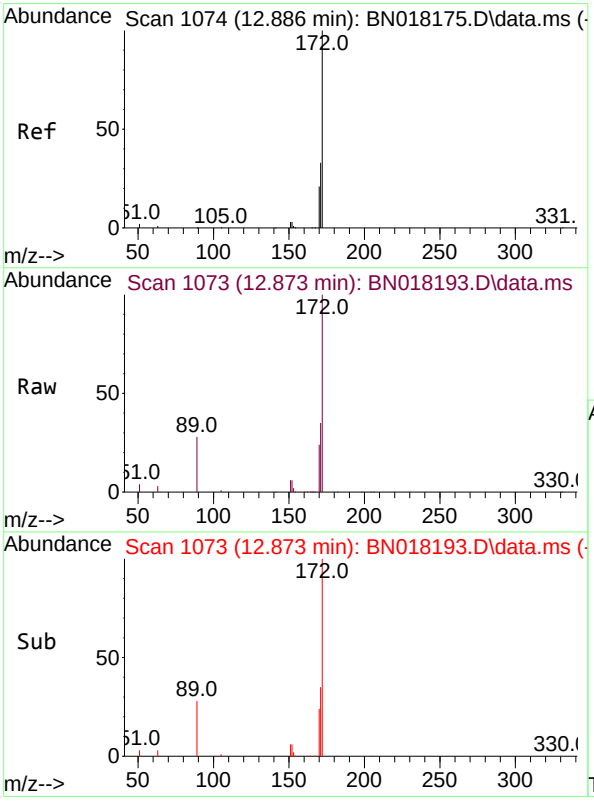
#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.778 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:330 Resp: 100

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

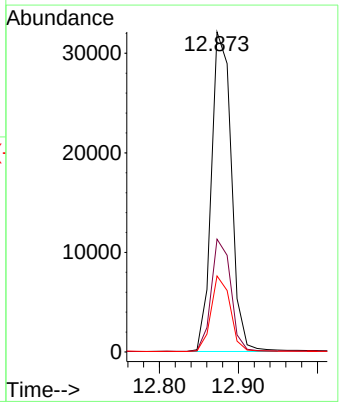


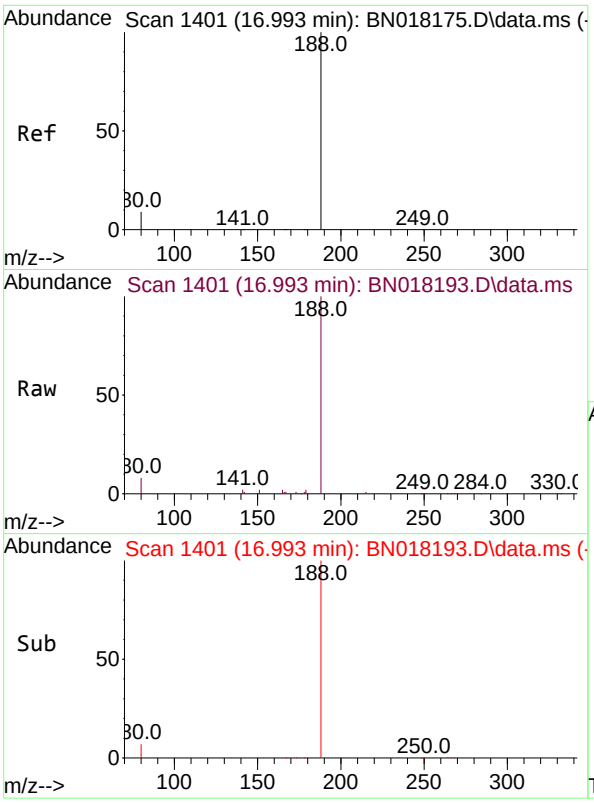


#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:172 Resp: 56307

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.0
170	23.8	18.4	27.6



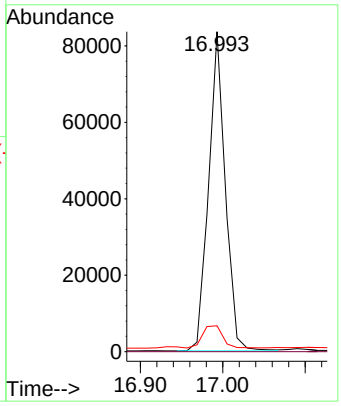


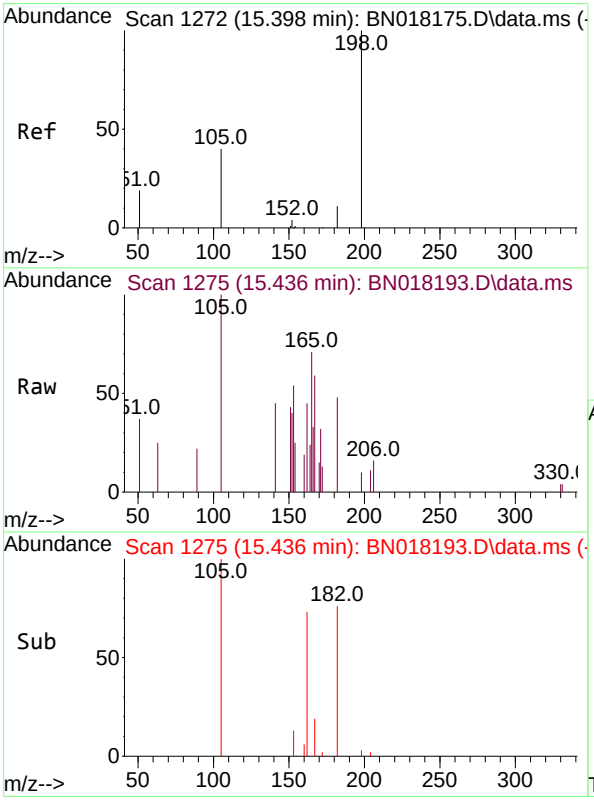
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:188 Resp: 117590

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.0	10.4

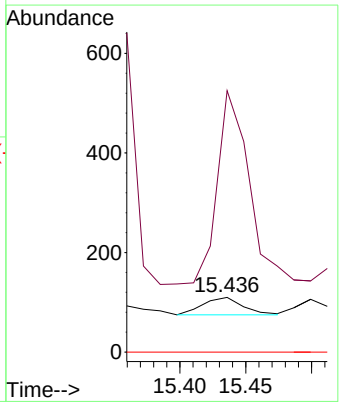


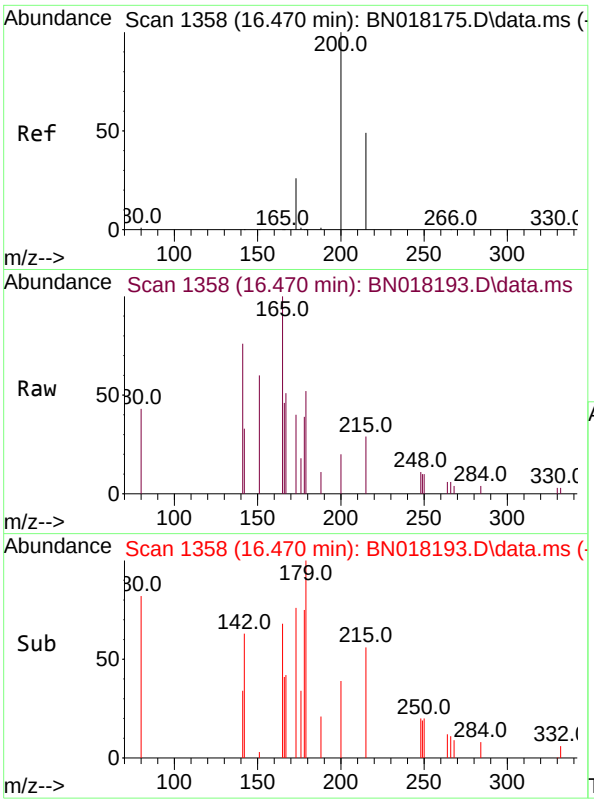


#20
4,6-Dinitro-2-methylphenol
Concen: 0.167 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.038 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:198 Resp: 74

Ion	Ratio	Lower	Upper
198	100		
182	477.3	15.5	23.3#
77	0.0	0.0	0.0



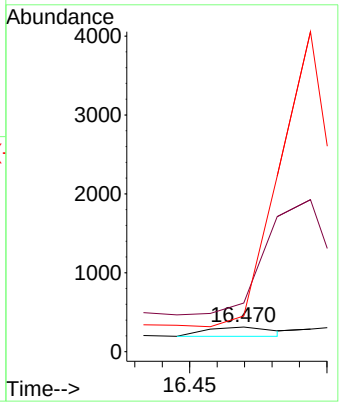


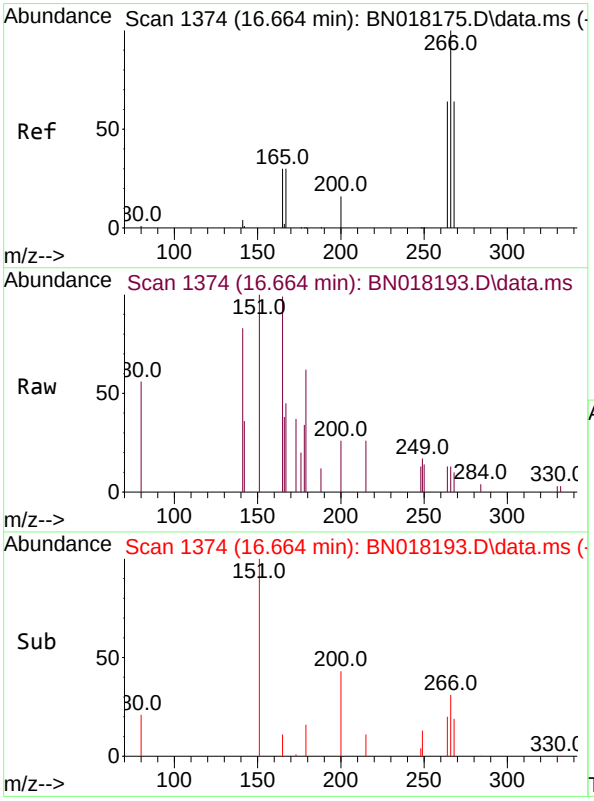
#23
Atrazine
Concen: 0.105 ng
RT: 16.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:200 Resp: 202

Ion	Ratio	Lower	Upper
200	100		
173	196.8	20.3	30.5#
215	144.4	40.4	60.6#

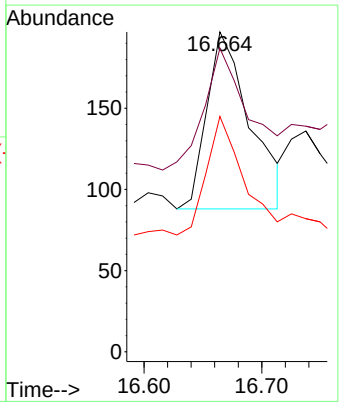


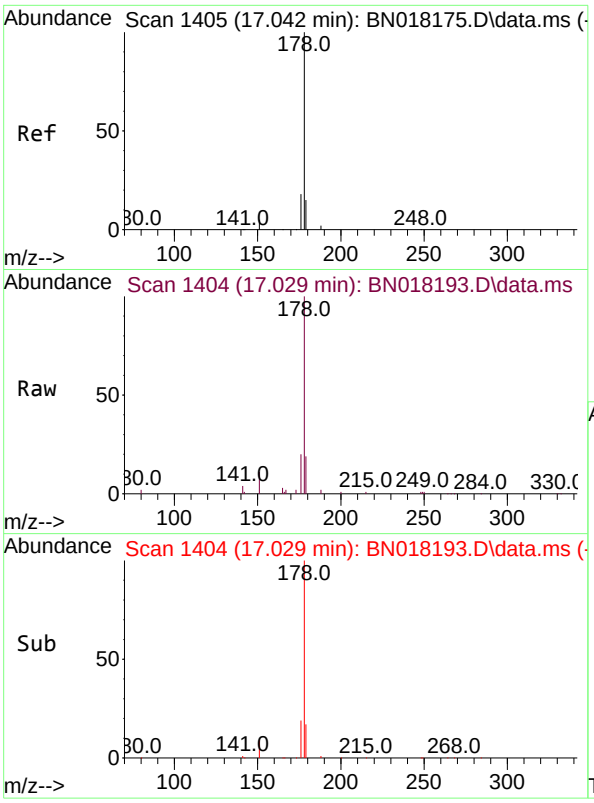


#24
Pentachlorophenol
Concen: 0.300 ng
RT: 16.664 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:266 Resp: 278

Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.5	74.3
268	68.0	50.6	76.0



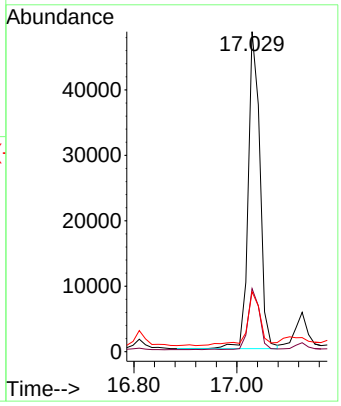


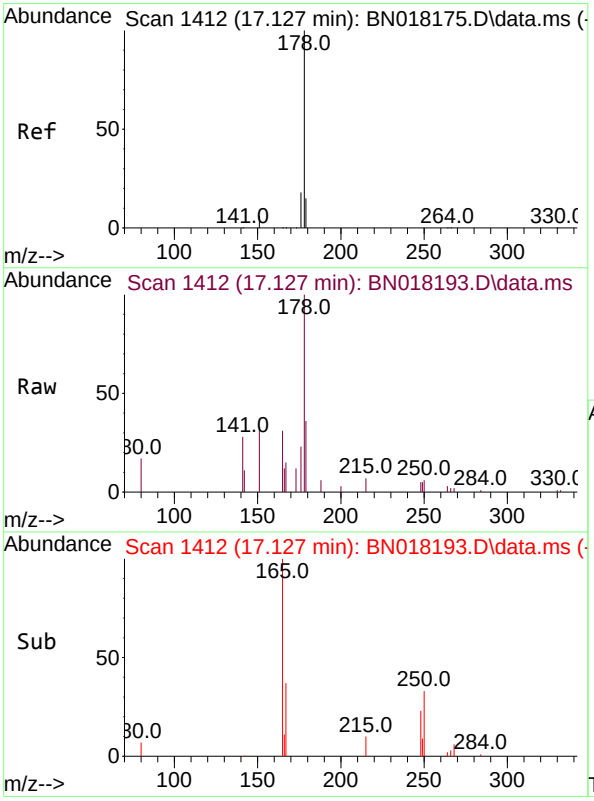
#25
Phenanthrene
Concen: 0.246 ng
RT: 17.029 min Scan# 14
Delta R.T. -0.013 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:178 Resp: 76661

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

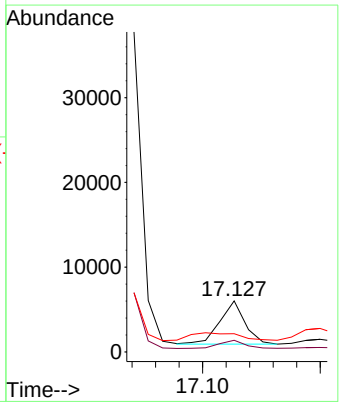


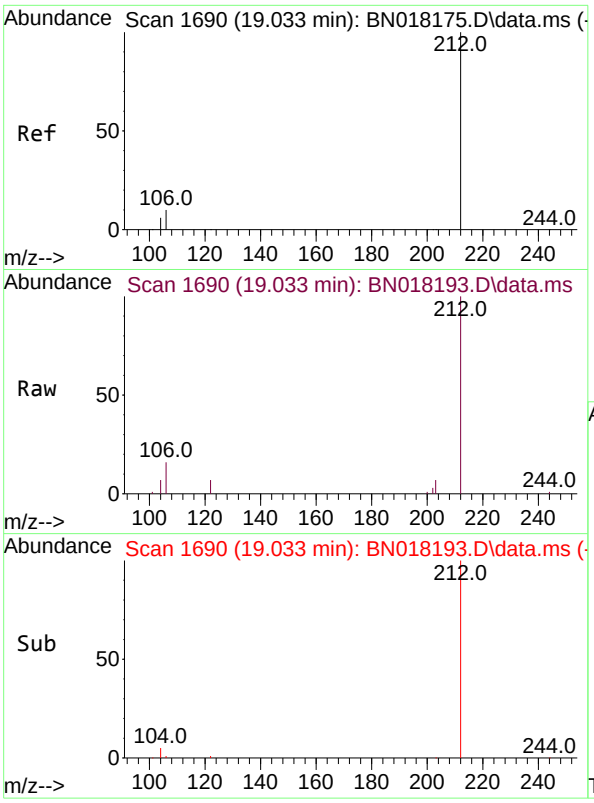


#26
Anthracene
Concen: 0.029 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:178 Resp: 7539

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.8	22.2
179	0.0	12.2	18.4#



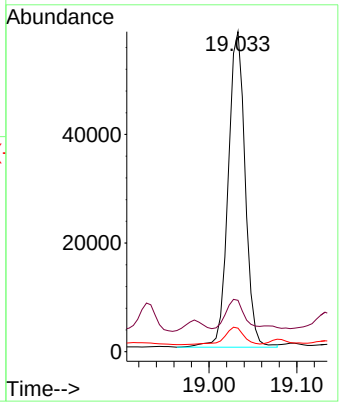


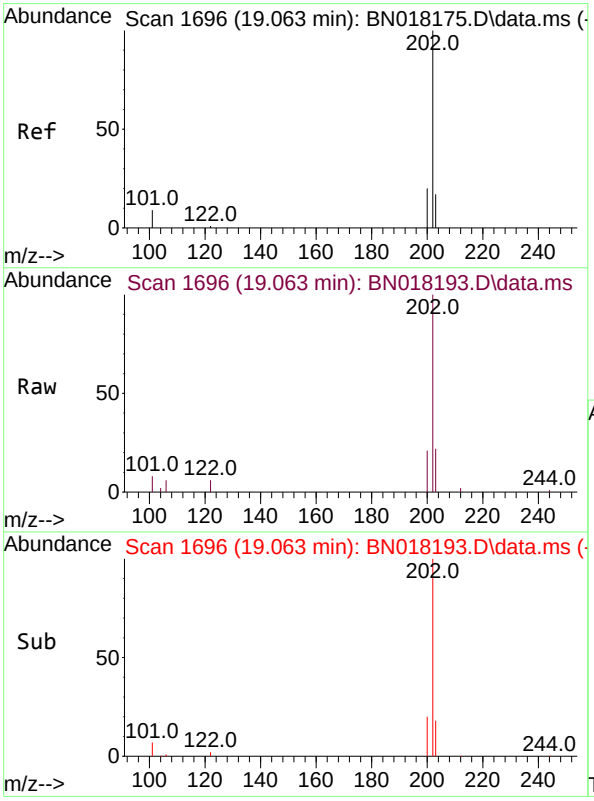
#27
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:212 Resp: 77890

Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.4	12.6
104	6.2	4.5	6.7

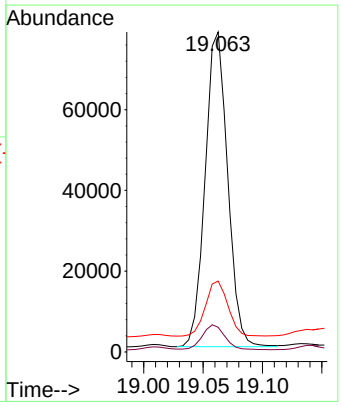


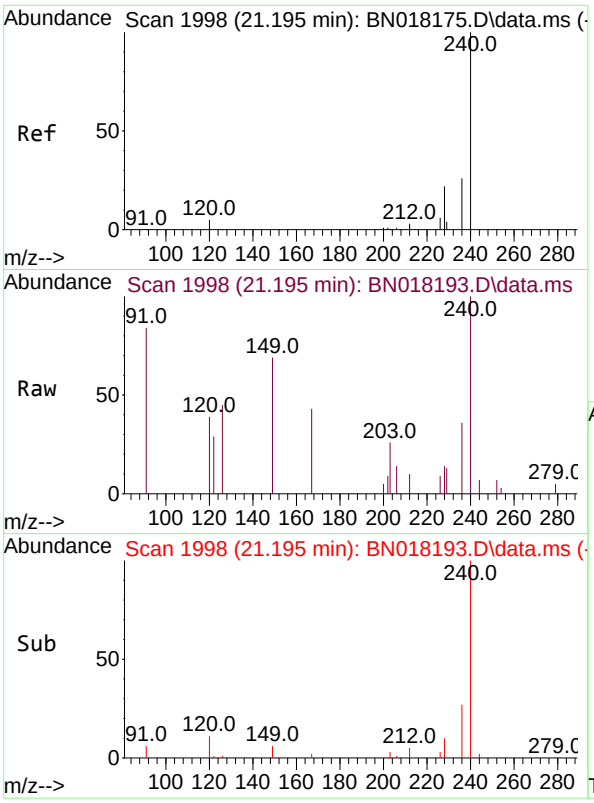


#28
Fluoranthene
Concen: 0.282 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:202 Resp: 102911

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.2	10.8
203	17.3	13.7	20.5



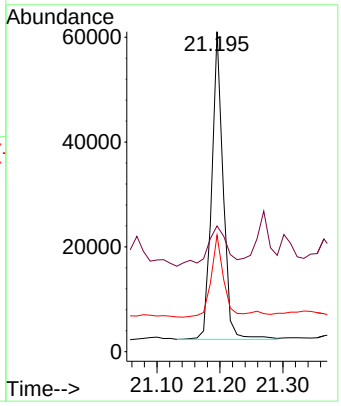


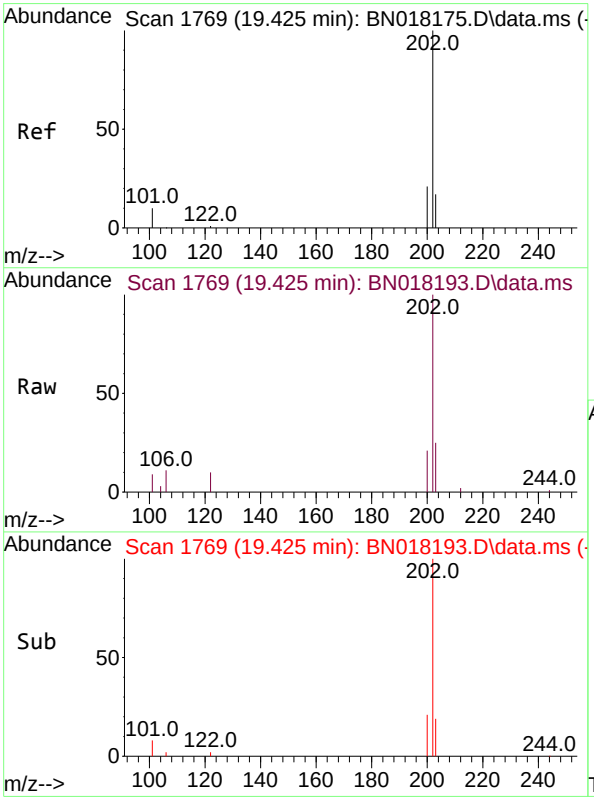
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:240 Resp: 74115

Ion	Ratio	Lower	Upper
240	100		
120	39.3	6.0	9.0#
236	36.4	21.4	32.2#

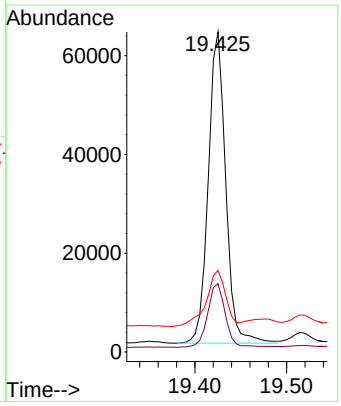


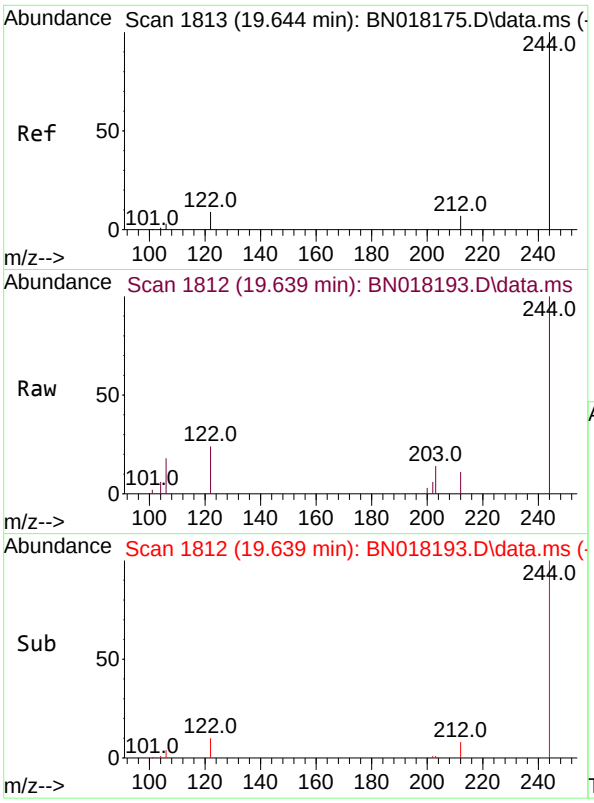


#30
Pyrene
Concen: 0.349 ng
RT: 19.425 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:202 Resp: 83116

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	20.3	14.1	21.1



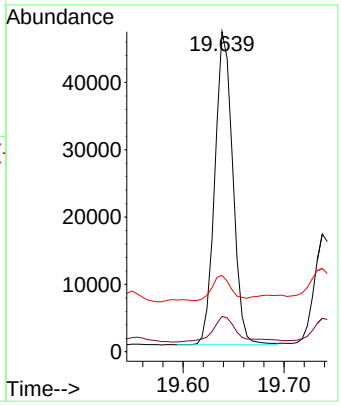


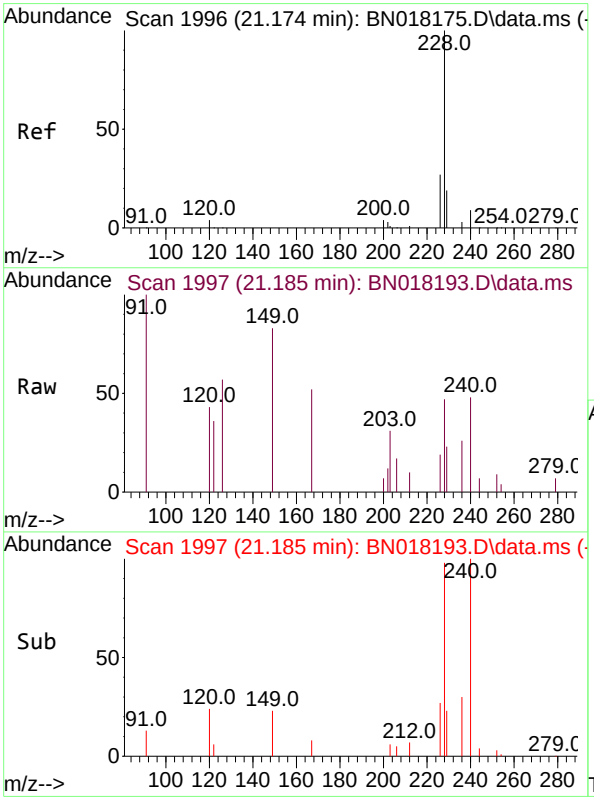
#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.639 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:244 Resp: 57559

Ion	Ratio	Lower	Upper
244	100		
212	11.1	6.2	9.2#
122	23.8	7.9	11.9#

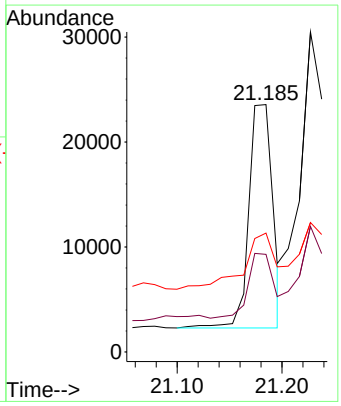


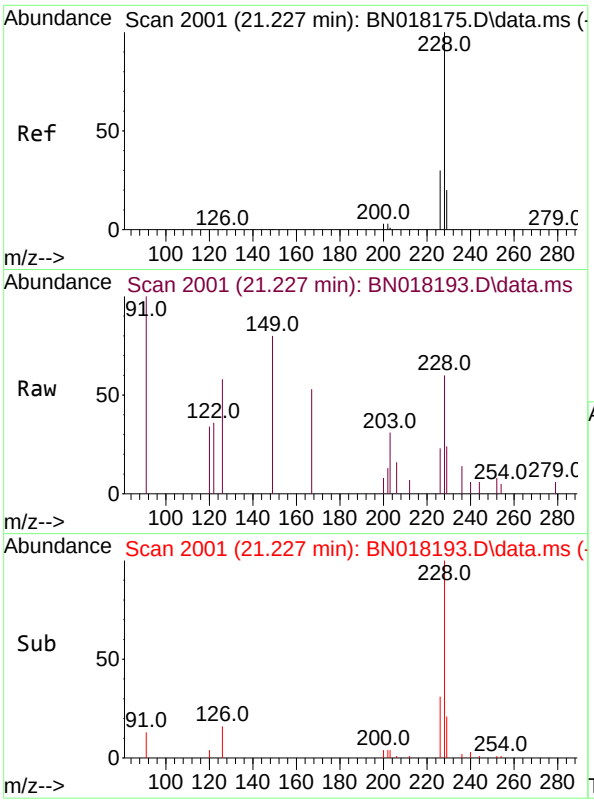


#32
Benzo(a)anthracene
Concen: 0.157 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.011 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:228 Resp: 33838

Ion	Ratio	Lower	Upper
228	100		
226	39.5	21.3	31.9#
229	48.1	15.9	23.9#



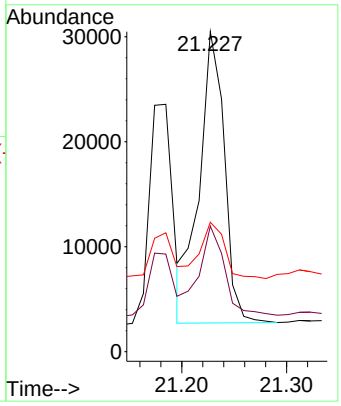


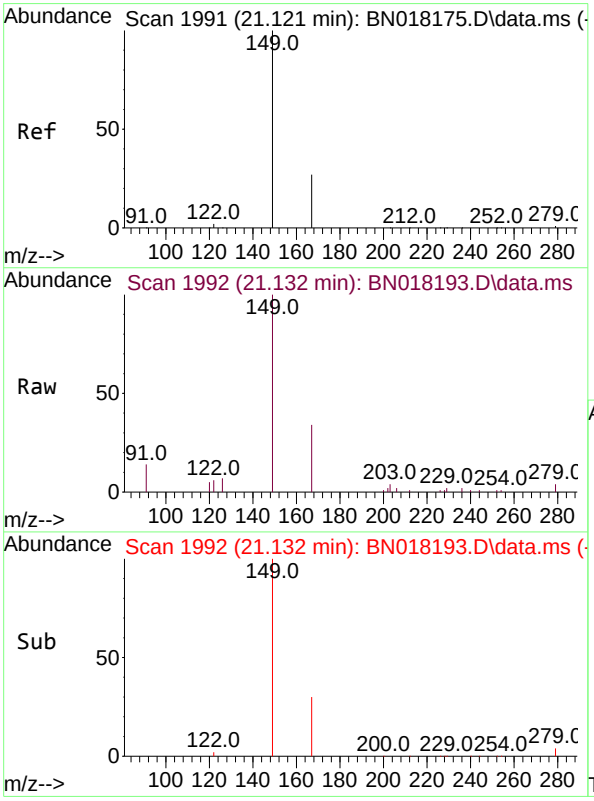
#33
Chrysene
Concen: 0.197 ng
RT: 21.227 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:228 Resp: 46239

Ion	Ratio	Lower	Upper
228	100		
226	39.2	24.2	36.4#
229	40.5	15.5	23.3#

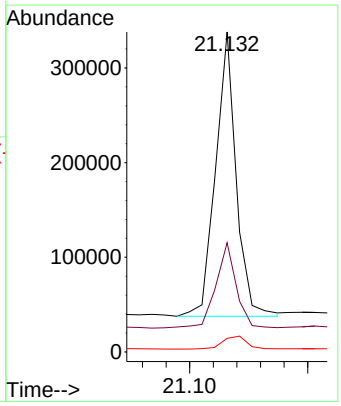


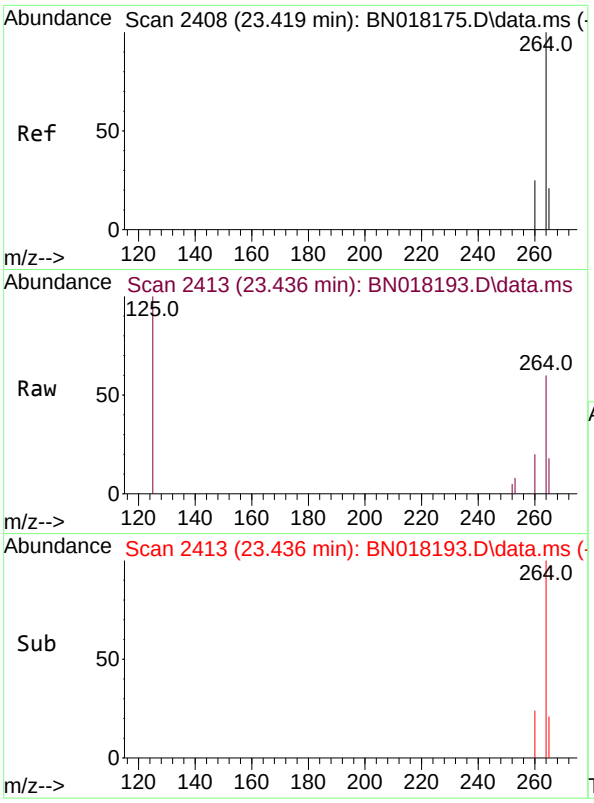


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.276 ng
RT: 21.132 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:149 Resp: 362330

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	5.3	3.6	5.4



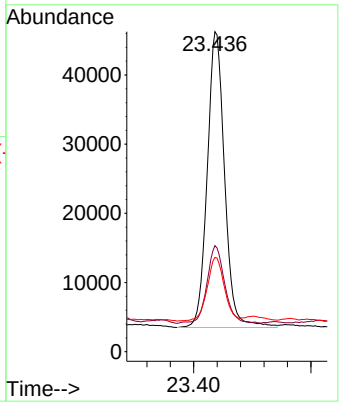


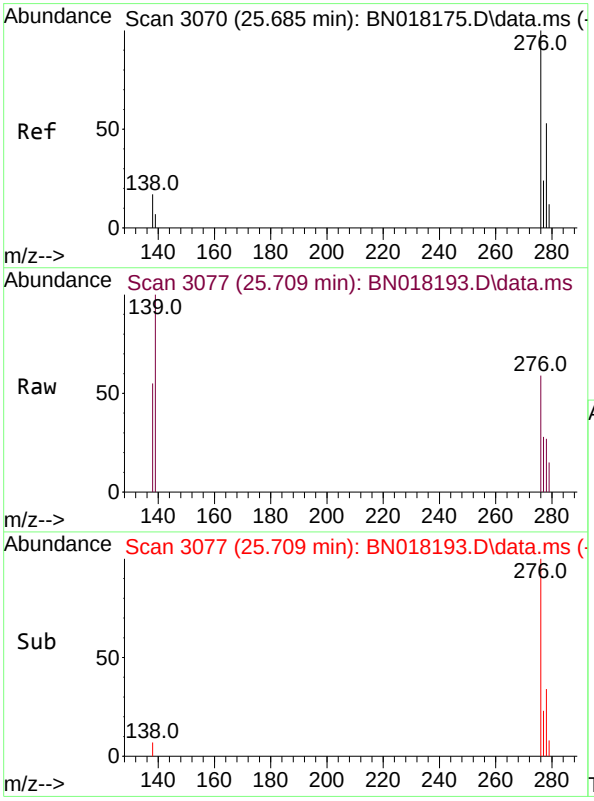
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.436 min Scan# 24
Delta R.T. 0.017 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:264 Resp: 88127

Ion	Ratio	Lower	Upper
264	100		
260	33.1	20.2	30.4#
265	29.5	18.2	27.2#

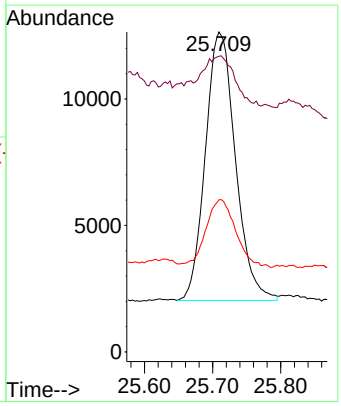


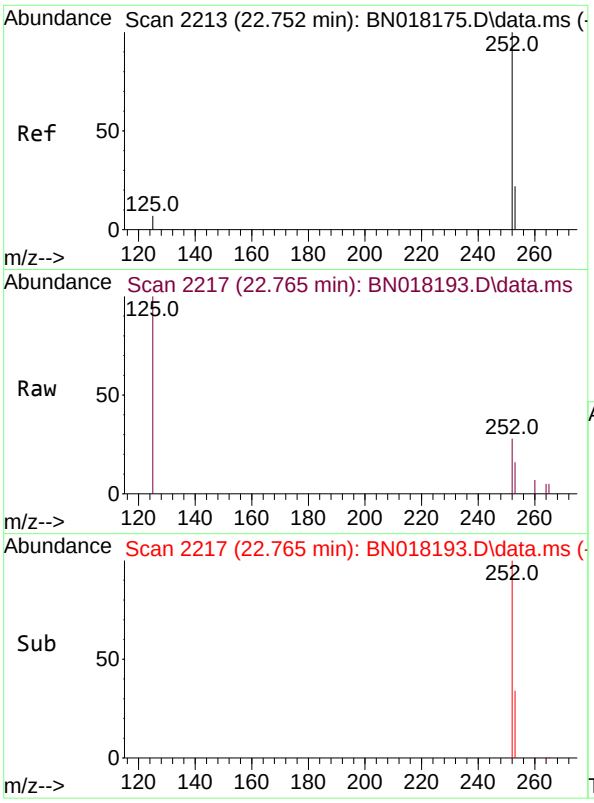


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.128 ng
RT: 25.709 min Scan# 3077
Delta R.T. 0.024 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:276 Resp: 32544

Ion	Ratio	Lower	Upper
276	100		
138	19.3	14.9	22.3
277	25.2	19.9	29.9



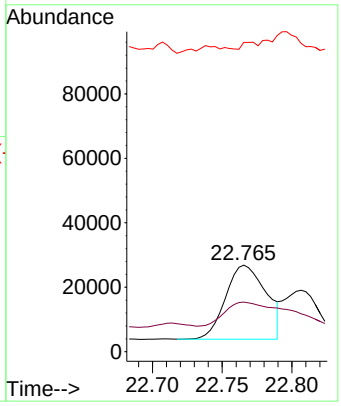


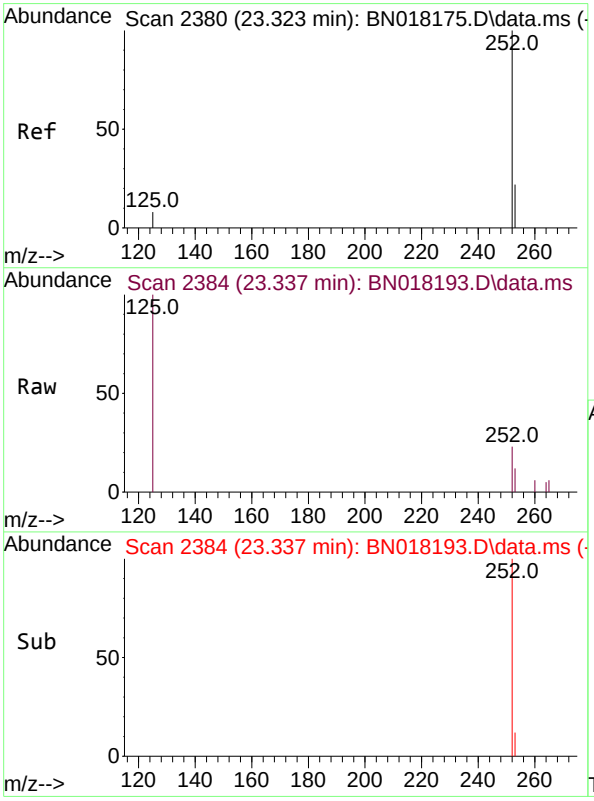
#37
Benzo(b)fluoranthene
Concen: 0.171 ng
RT: 22.765 min Scan# 2
Delta R.T. 0.013 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:252 Resp: 46671

Ion	Ratio	Lower	Upper
252	100		
253	57.4	17.8	26.6#
125	357.4	6.0	9.0#

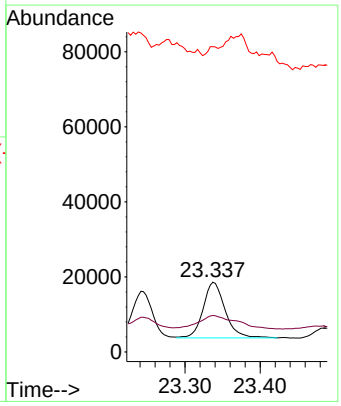


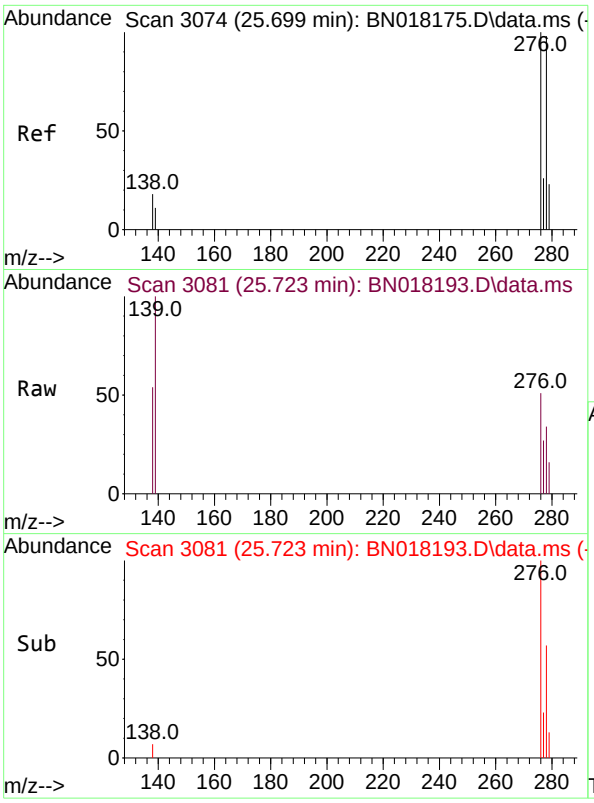


#39
Benzo(a)pyrene
Concen: 0.123 ng
RT: 23.337 min Scan# 2384
Delta R.T. 0.014 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:252 Resp: 30075

Ion	Ratio	Lower	Upper
252	100		
253	52.3	17.8	26.6#
125	437.6	7.0	10.4#



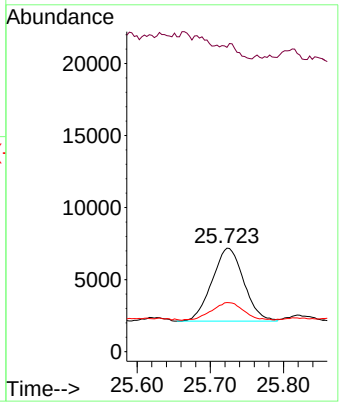


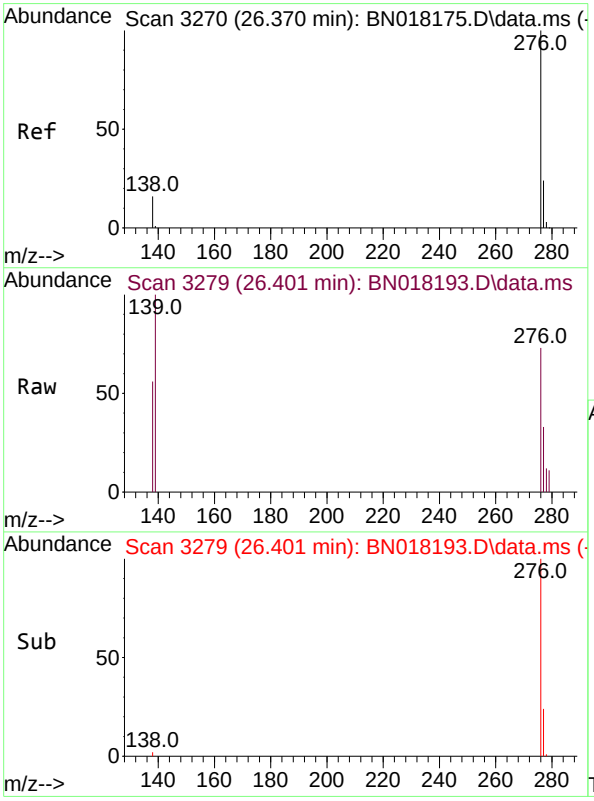
#40
Dibenzo(a,h)anthracene
Concen: 0.100 ng
RT: 25.723 min Scan# 3
Delta R.T. 0.024 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-02

Tgt Ion:278 Resp: 15261

Ion	Ratio	Lower	Upper
278	100		
139	294.1	10.8	16.2#
279	47.5	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 26.401 min Scan# 3279
Delta R.T. 0.031 min
Lab File: BN018193.D
Acq: 23 Dec 2021 23:50

Tgt Ion:276 Resp: 35650

Ion	Ratio	Lower	Upper
276	100		
277	44.9	19.0	28.6#
138	75.6	12.6	19.0#