Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018199.D
Acq On : 24 Dec 2021 03:25
Operator : CG/JU
Sample : M5107-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Quant Time: Dec 24 23:34:03 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	36408	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	160090	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	107211	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	218696	0.400	ng	0.00
29) Chrysene-d12	21.206	240	110039	0.400	ng	# 0.01
35) Perylene-d12	23.457	264	136563	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	80	0.001	ng	0.03
5) Phenol-d6	6.821	99	928	0.011	ng	0.00
8) Nitrobenzene-d5	8.771	82	17492	0.162	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	36645	0.133	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	61	0.181	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	56509	0.141	ng	-0.01
27) Fluoranthene-d10	19.033	212	74794	0.108	ng	0.00
31) Terphenyl-d14	19.643	244	48276	0.199	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.474	42	21900	0.688	ng	# 1
9) Naphthalene	10.444	128	29734	0.075	ng	98
12) 2-Methylnaphthalene	12.069	142	9477	0.036	ng	98
20) 4,6-Dinitro-2-methylph...	15.423	198	108	0.165	ng	# 1
23) Atrazine	16.470	200	272	0.104	ng	# 1
24) Pentachlorophenol	16.664	266	299	0.297	ng	# 79
25) Phenanthrene	17.029	178	77869	0.134	ng	# 96
28) Fluoranthene	19.063	202	90027	0.133	ng	95
30) Pyrene	19.425	202	90164	0.255	ng	97
32) Benzo(a)anthracene	21.185	228	21864	0.068	ng	# 1
33) Chrysene	21.238	228	35170	0.101	ng	# 28
34) Bis(2-ethylhexyl)phtha...	21.142	149	504388	3.088	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.733	276	13947	0.035	ng	# 80
37) Benzo(b)fluoranthene	22.782	252	42883	0.102	ng	# 1
39) Benzo(a)pyrene	23.361	252	15312	0.040	ng	# 1
40) Dibenzo(a,h)anthracene	25.740	278	4360	0.043	ng	# 1
41) Benzo(g,h,i)perylene	26.421	276	19712	0.054	ng	# 1

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

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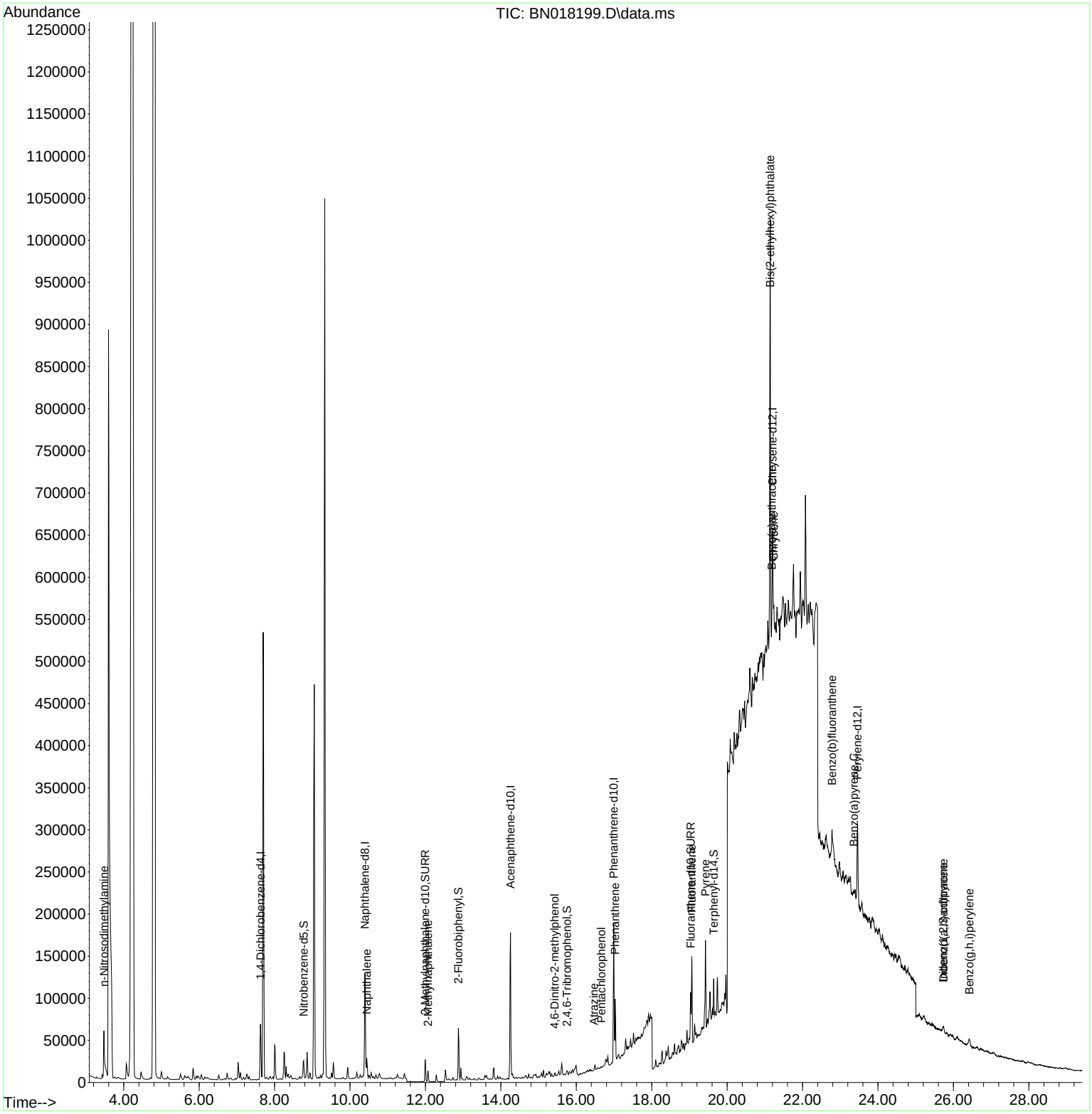
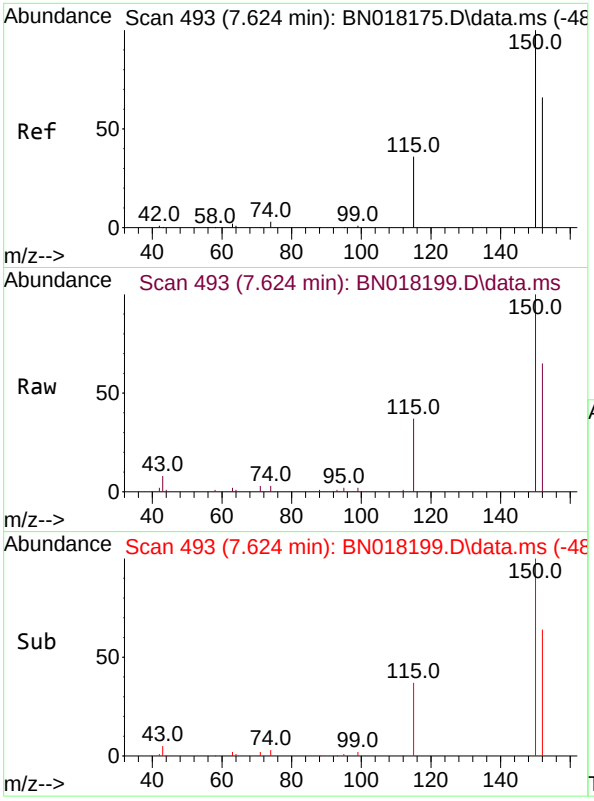


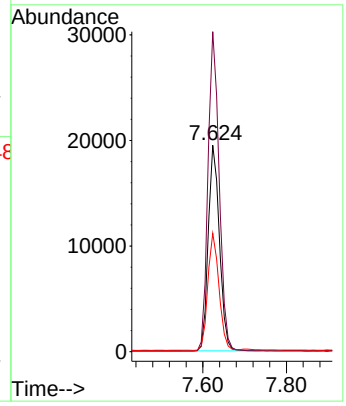


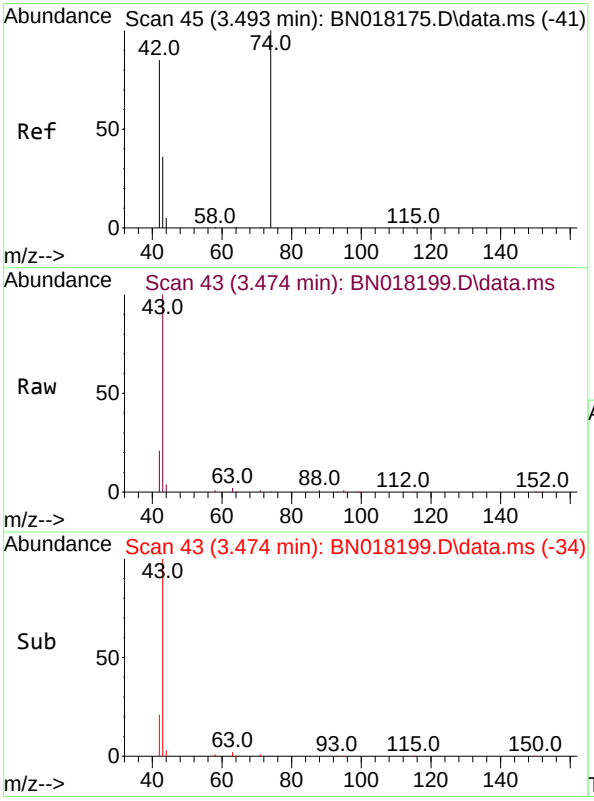
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:152 Resp: 36408

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.7	182.5
115	57.4	43.8	65.8

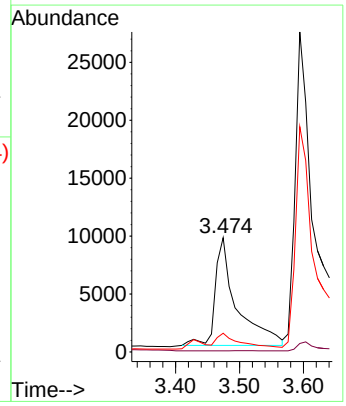


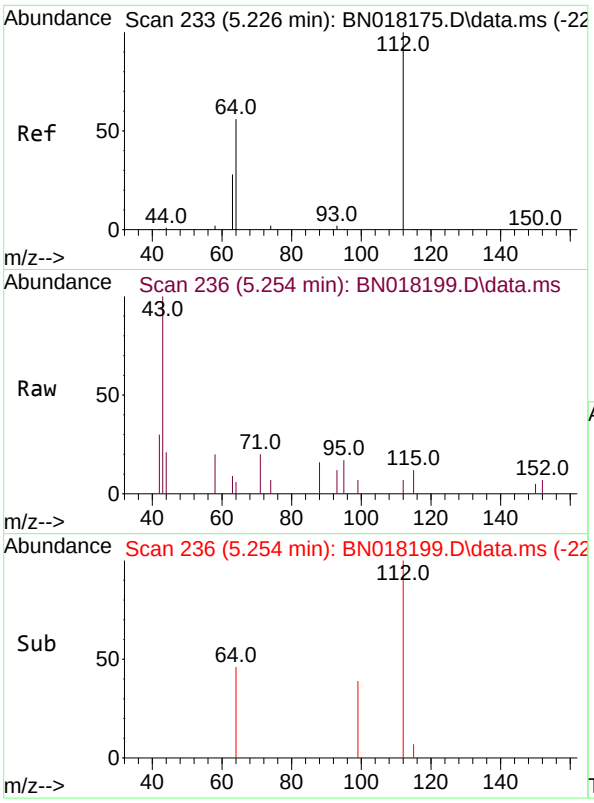


#3
n-Nitrosodimethylamine
Concen: 0.688 ng
RT: 3.474 min Scan# 43
Delta R.T. -0.019 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion: 42 Resp: 21900

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	12.6	5.8	8.8#



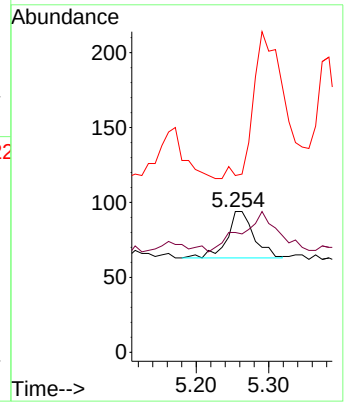


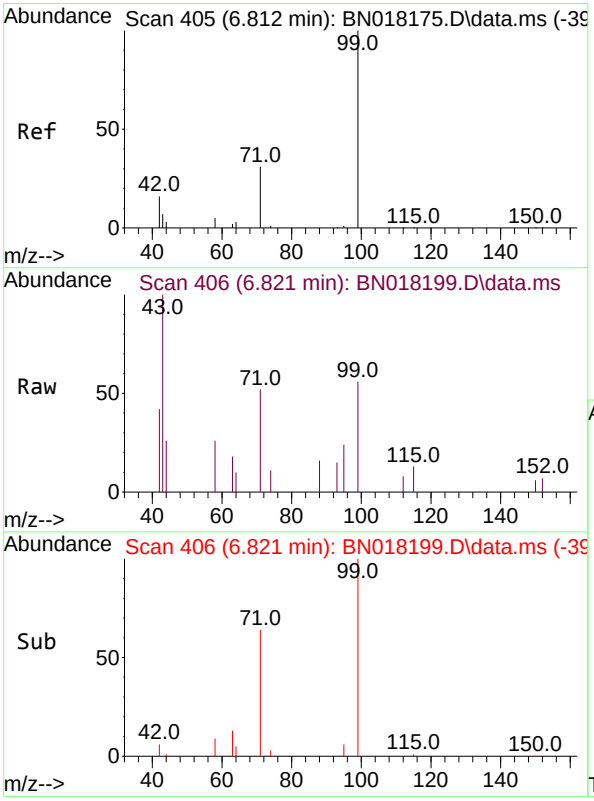
#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.254 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:112 Resp: 80

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

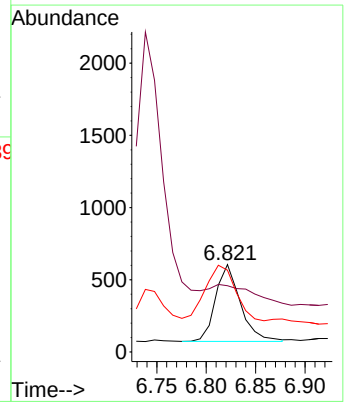


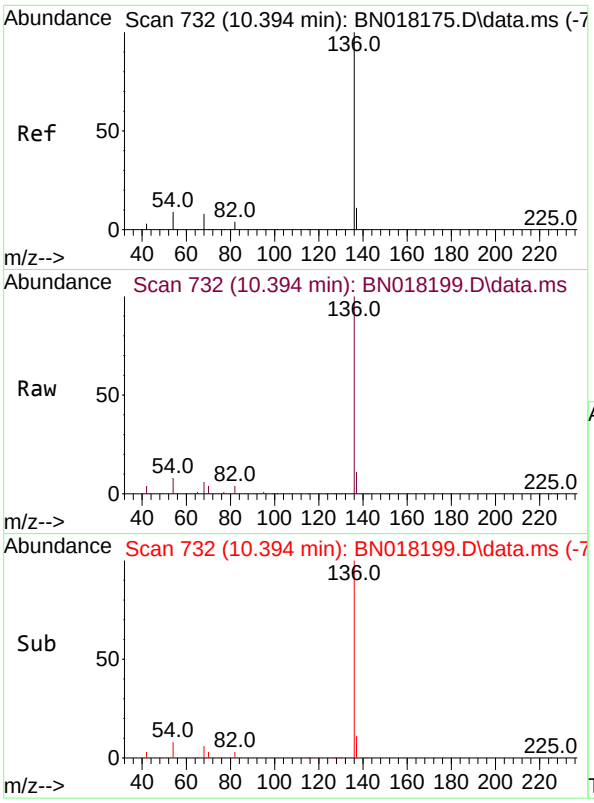


#5
Phenol-d6
Concen: 0.011 ng
RT: 6.821 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion: 99 Resp: 928

Ion	Ratio	Lower	Upper
99	100		
42	40.1	16.3	24.5#
71	87.8	26.8	40.2#



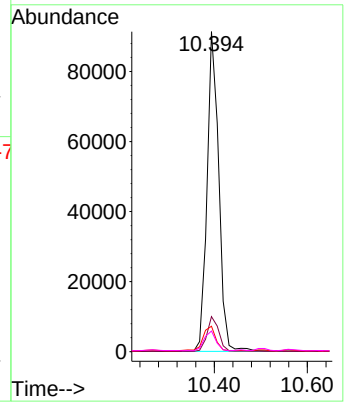


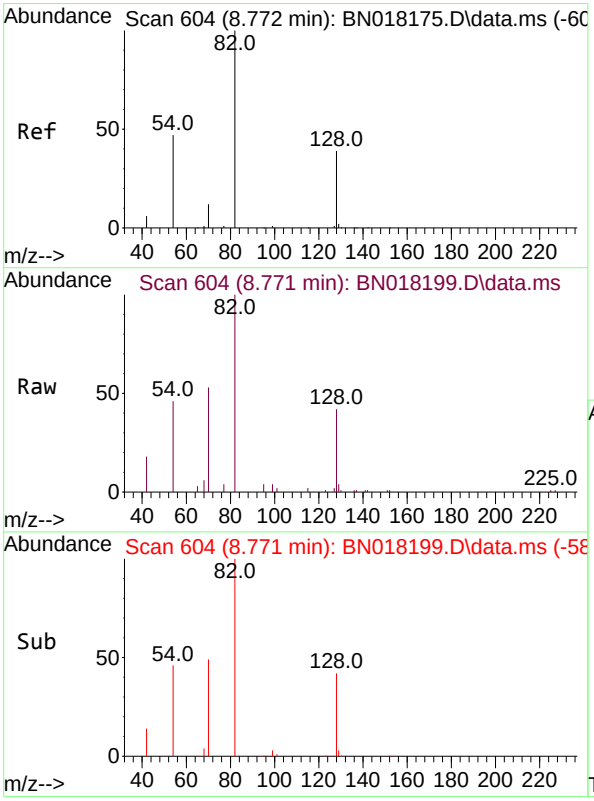
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:136 Resp: 160090

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	5.0	7.6#
68	6.4	4.4	6.6

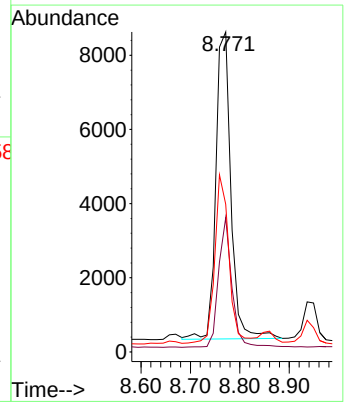


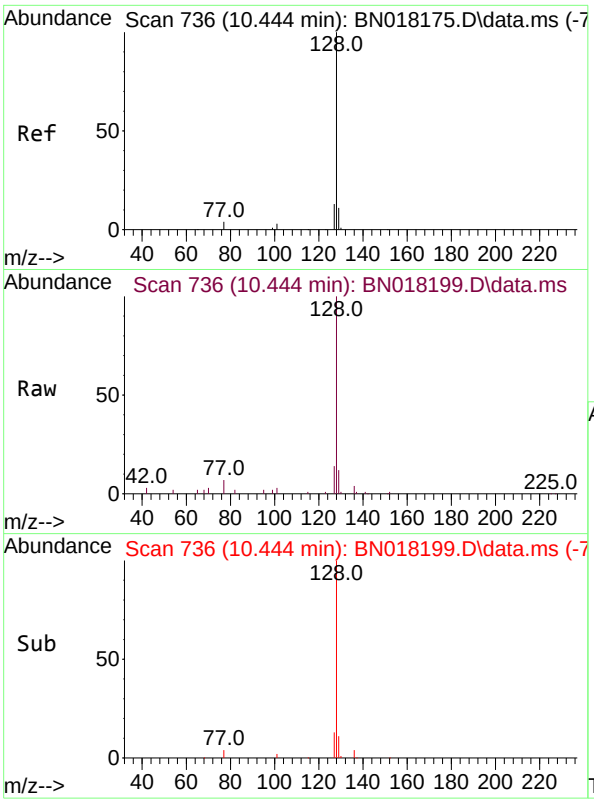


#8
Nitrobenzene-d5
Concen: 0.162 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.001 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion: 82 Resp: 17492

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.7	50.5
54	46.2	36.6	55.0



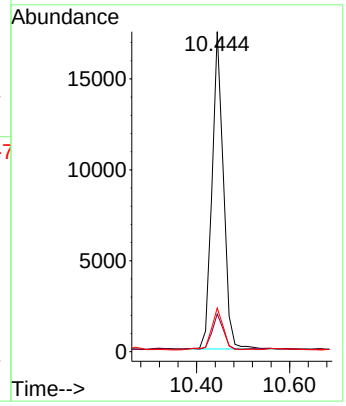


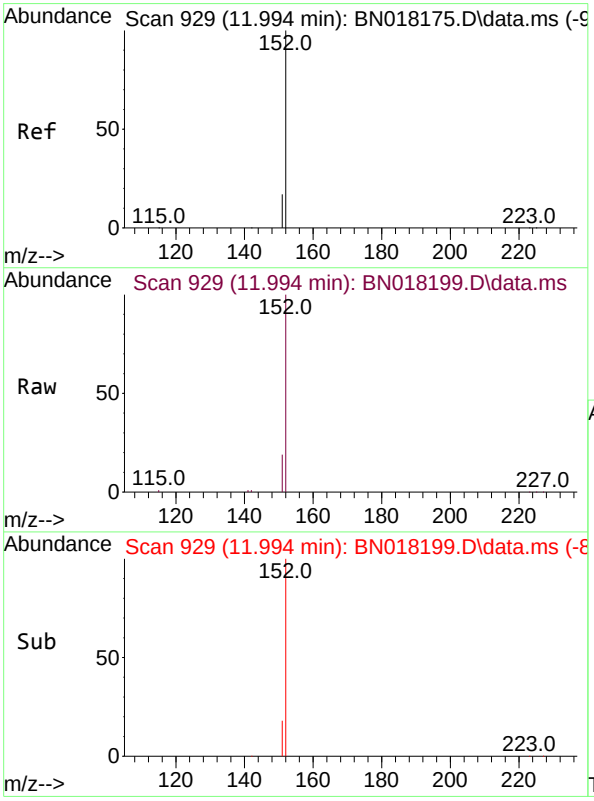
#9
Naphthalene
Concen: 0.075 ng
RT: 10.444 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:128 Resp: 29734

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	13.6	10.4	15.6

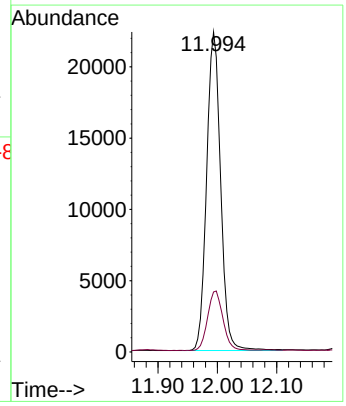


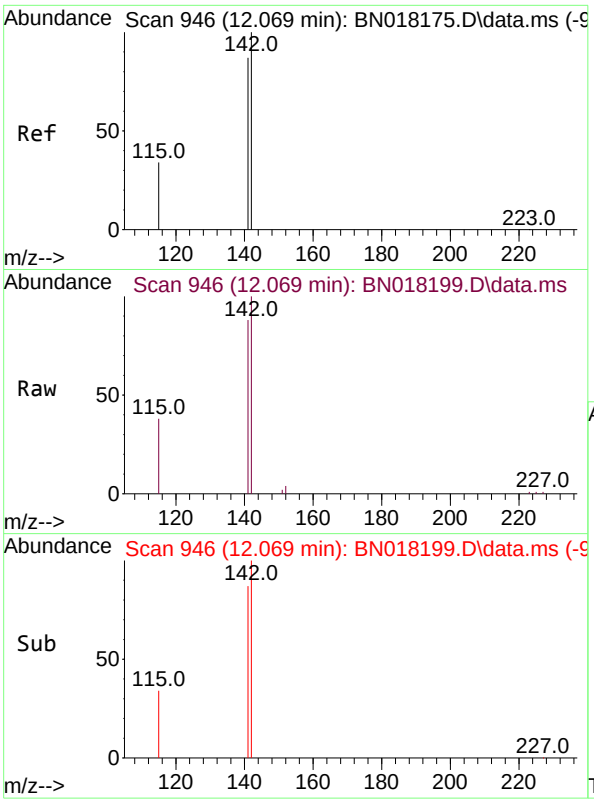


#11
2-Methylnaphthalene-d10
Concen: 0.133 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:152 Resp: 36645

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2



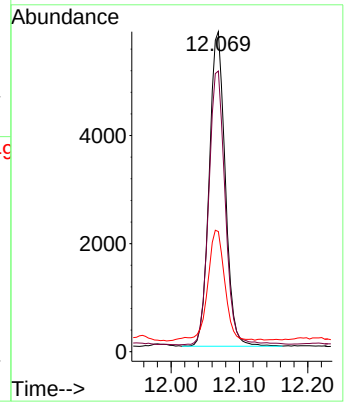


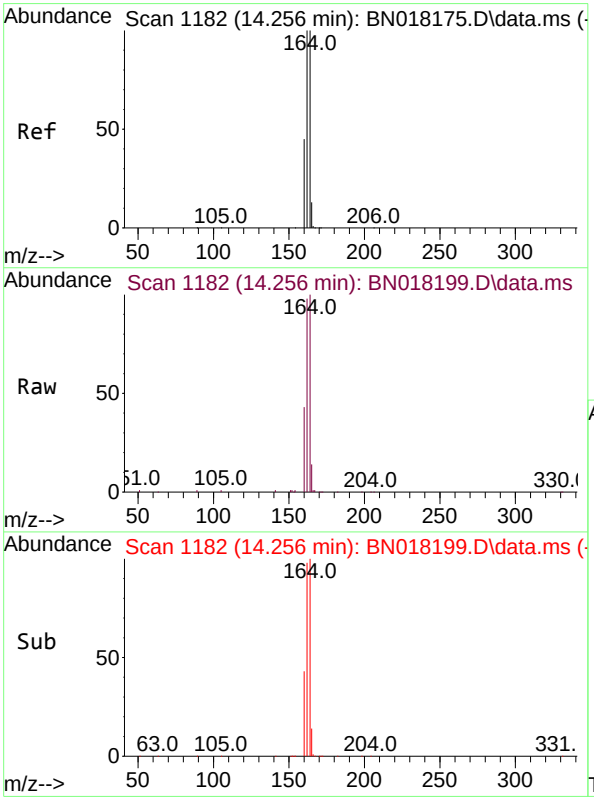
#12
2-Methylnaphthalene
Concen: 0.036 ng
RT: 12.069 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:142 Resp: 9477

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.0	105.0
115	37.5	27.8	41.8

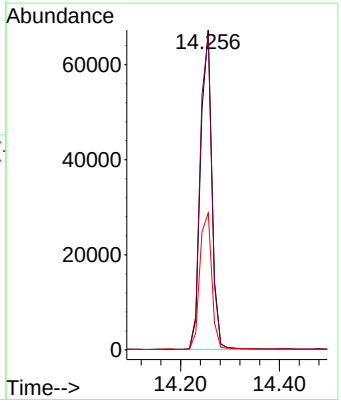


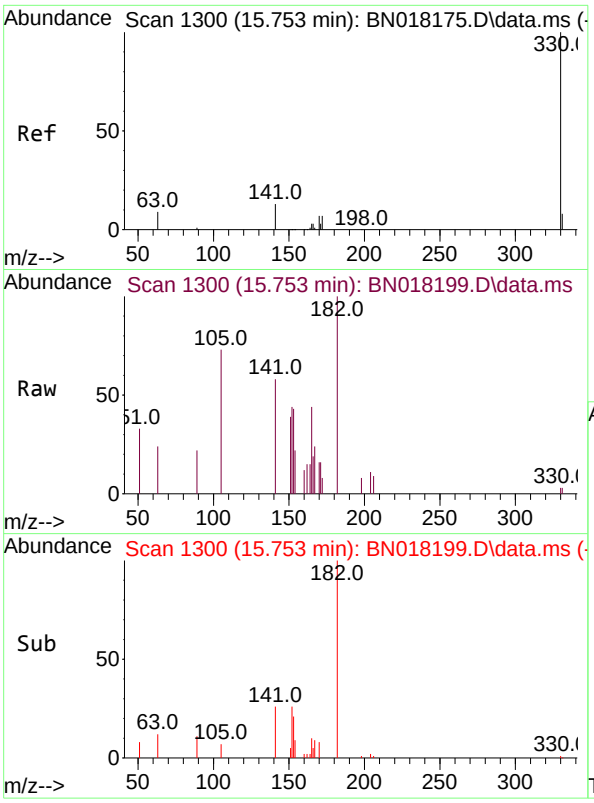


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:164 Resp: 107211

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.2
160	42.8	36.9	55.3



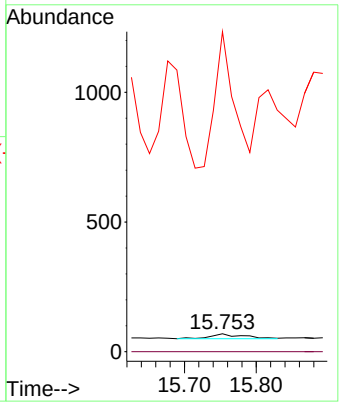


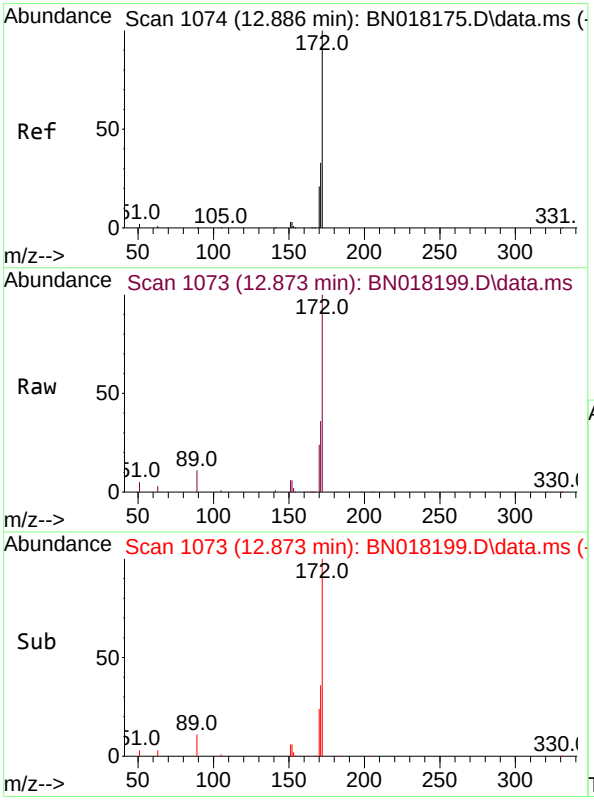
#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.753 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:330 Resp: 61

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	1560.7	21.3	31.9#

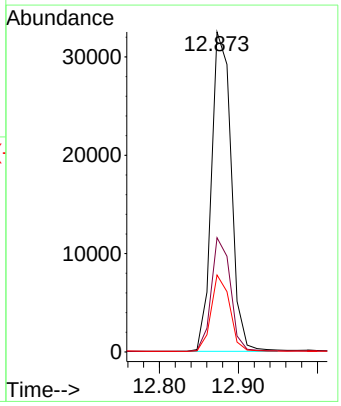


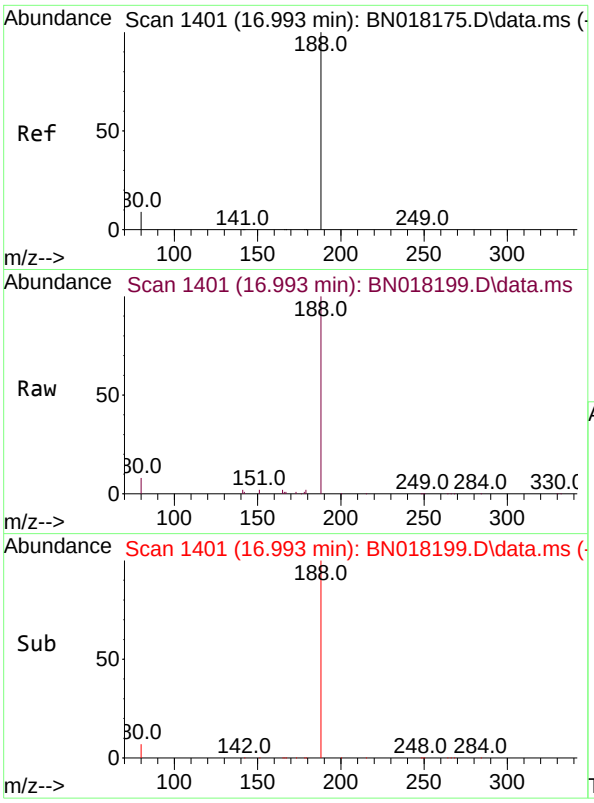


#15
2-Fluorobiphenyl
Concen: 0.141 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:172 Resp: 56509

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.4	41.0
170	24.1	18.4	27.6



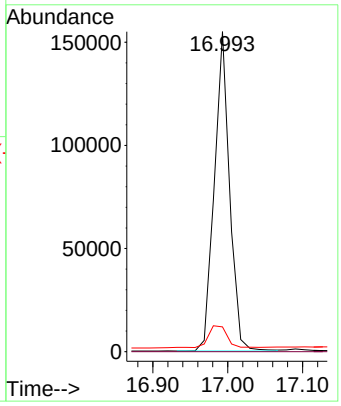


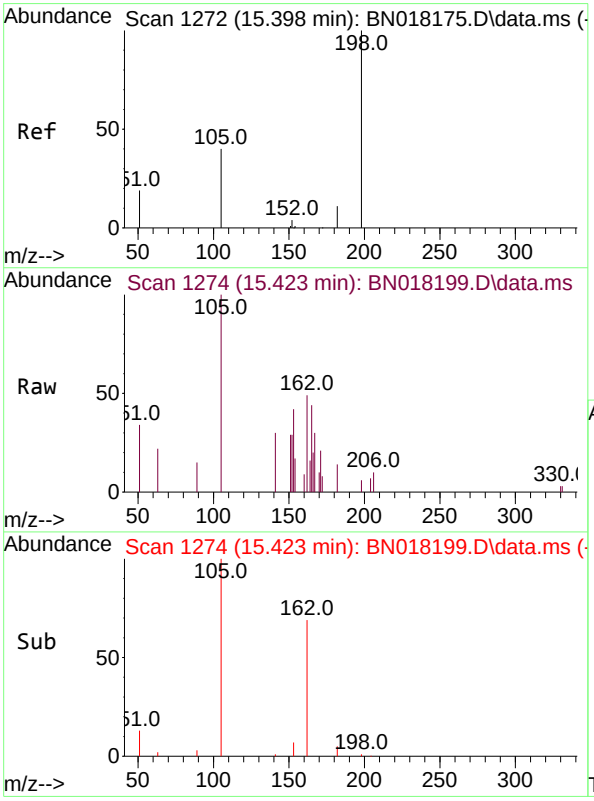
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:188 Resp: 218696

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.0	10.4

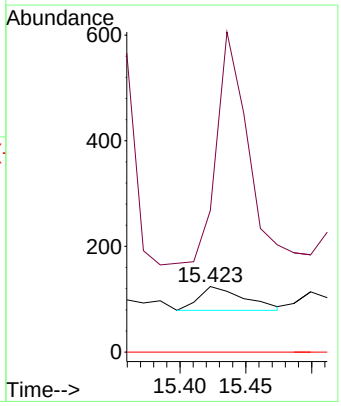


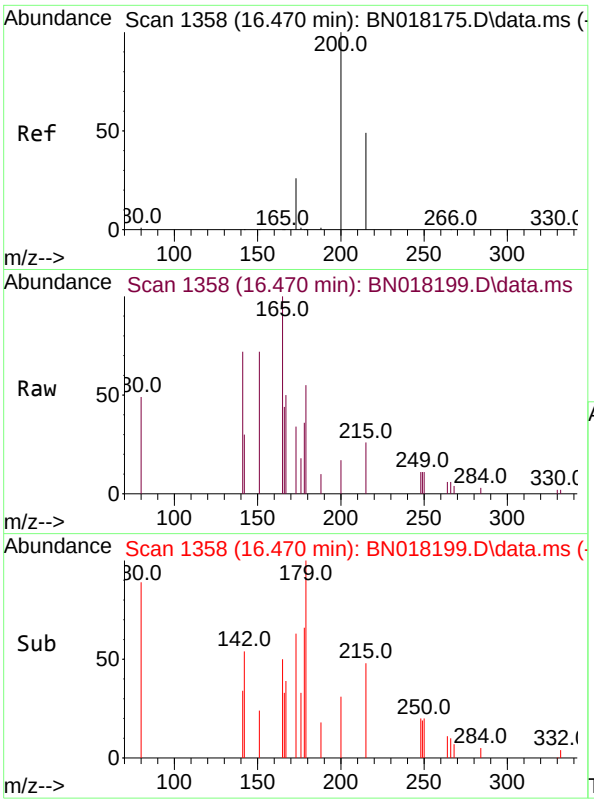


#20
4,6-Dinitro-2-methylphenol
Concen: 0.165 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.025 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
182	216.1	15.5	23.3#
77	0.0	0.0	0.0



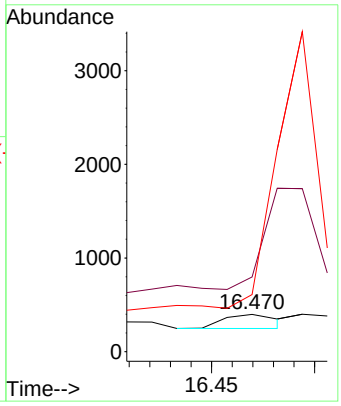


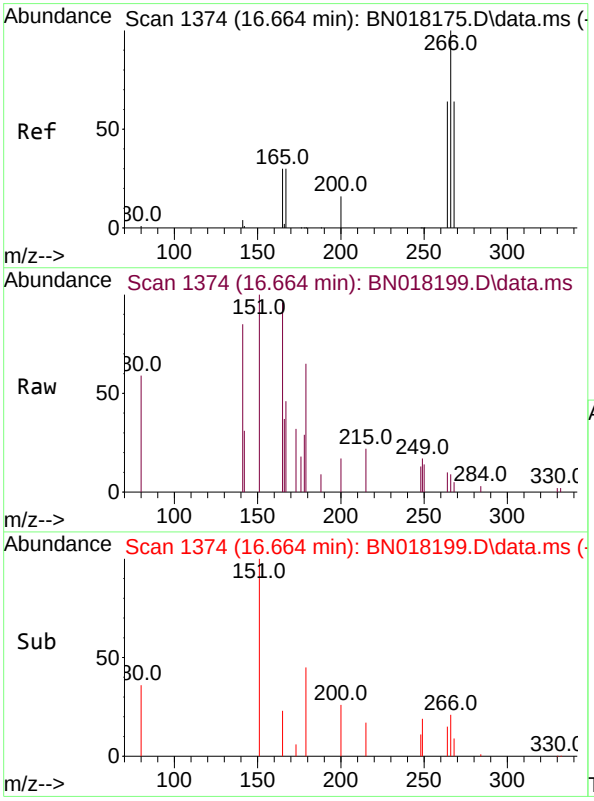
#23
Atrazine
Concen: 0.104 ng
RT: 16.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:200 Resp: 272

Ion	Ratio	Lower	Upper
200	100		
173	200.5	20.3	30.5#
215	153.0	40.4	60.6#

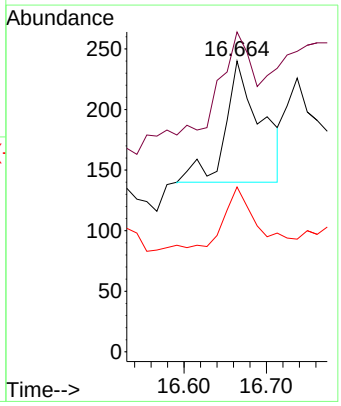


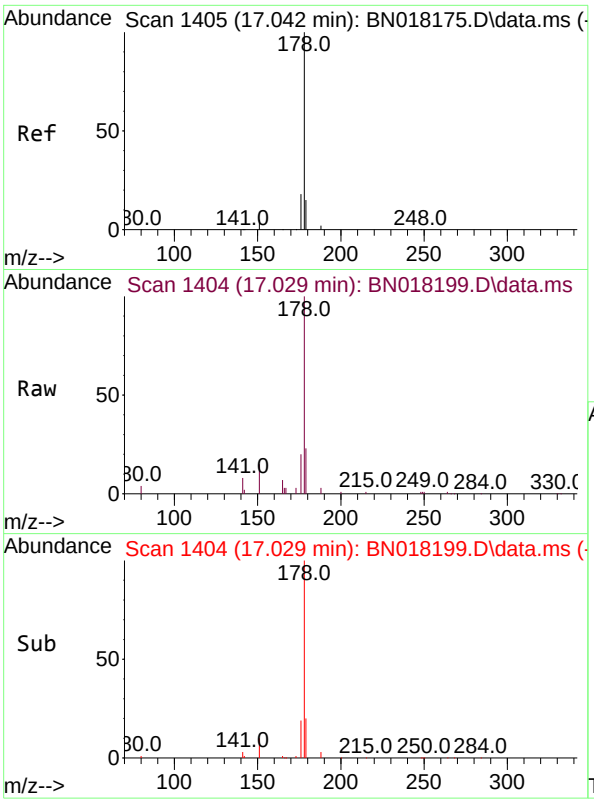


#24
Pentachlorophenol
Concen: 0.297 ng
RT: 16.664 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:266 Resp: 299

Ion	Ratio	Lower	Upper
266	100		
264	75.3	49.5	74.3#
268	44.5	50.6	76.0#



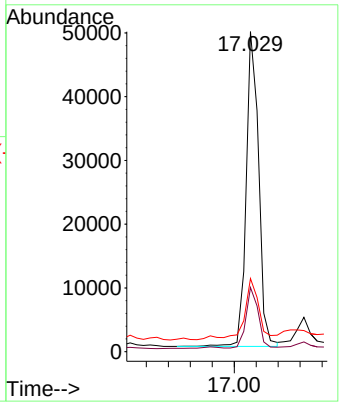


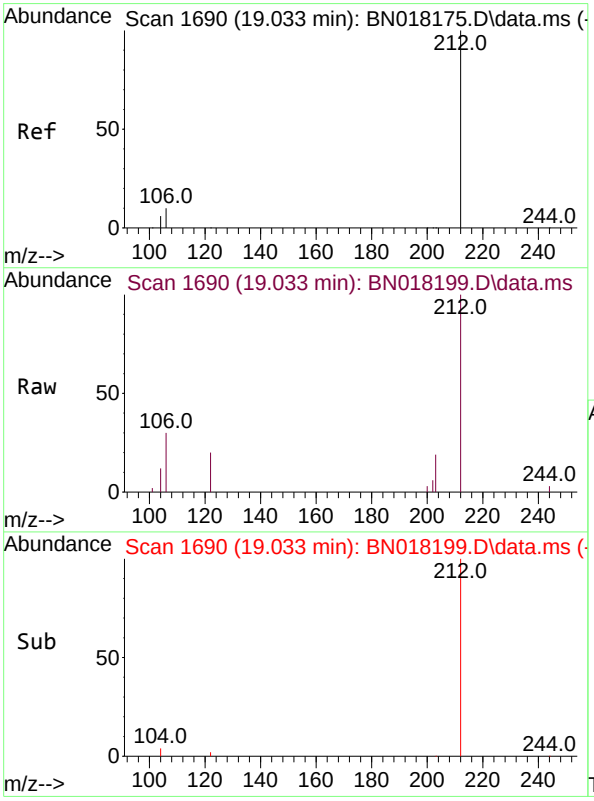
#25
Phenanthrene
Concen: 0.134 ng
RT: 17.029 min Scan# 14
Delta R.T. -0.013 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:178 Resp: 77869

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	19.0	12.3	18.5#

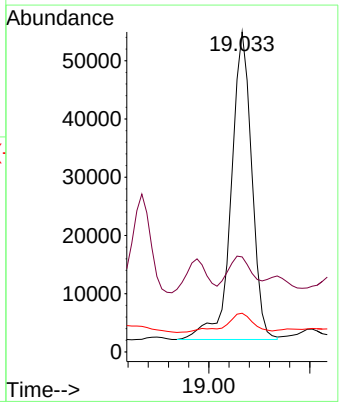


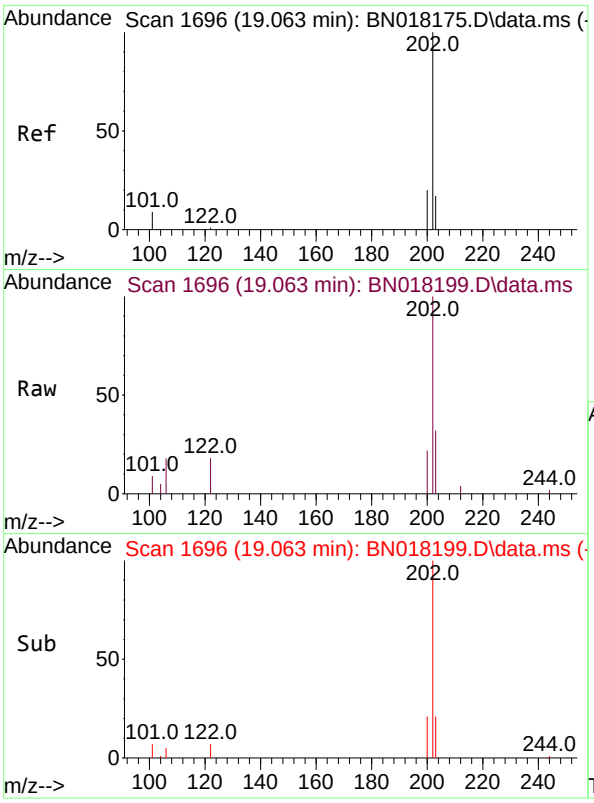


#27
Fluoranthene-d10
Concen: 0.108 ng
RT: 19.033 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:212 Resp: 74794

Ion	Ratio	Lower	Upper
212	100		
106	12.3	8.4	12.6
104	8.4	4.5	6.7#



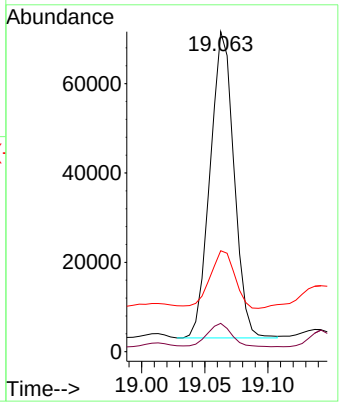


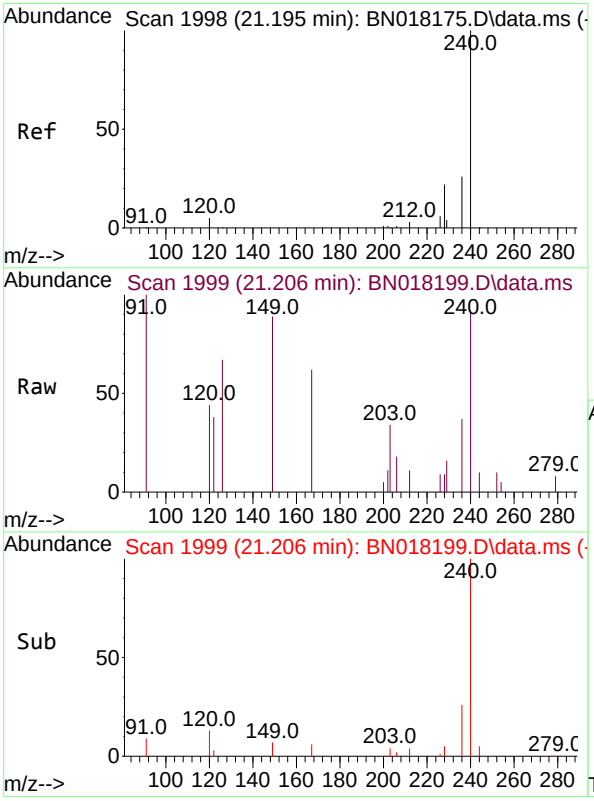
#28
Fluoranthene
Concen: 0.133 ng
RT: 19.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:202 Resp: 90027

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.2	10.8
203	19.4	13.7	20.5

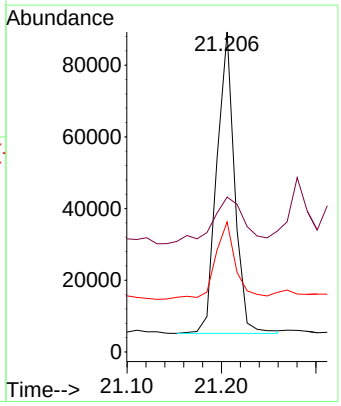


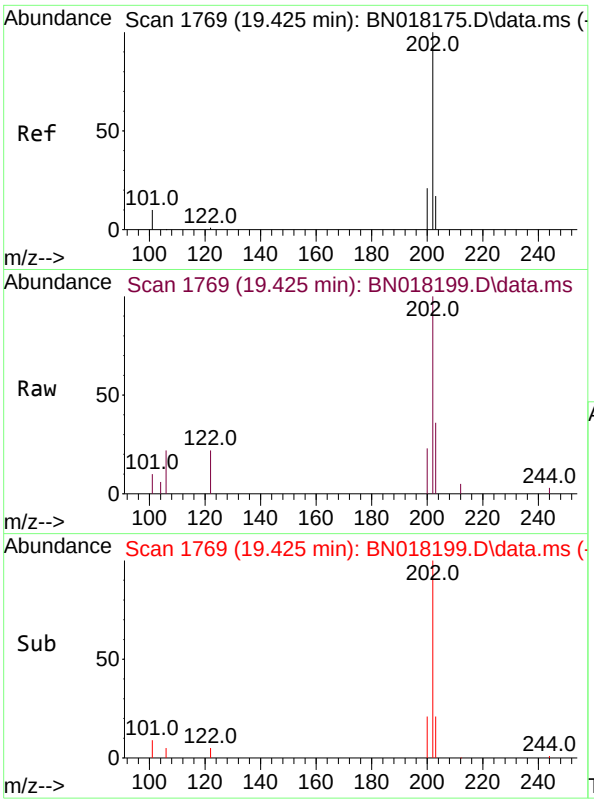


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.011 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:240 Resp: 110039

Ion	Ratio	Lower	Upper
240	100		
120	48.4	6.0	9.0#
236	40.6	21.4	32.2#



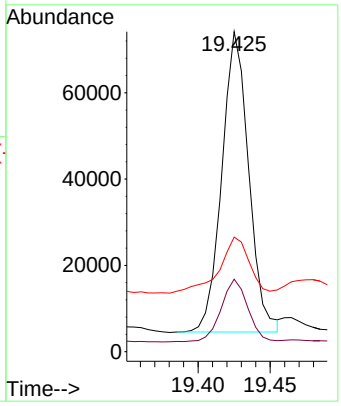


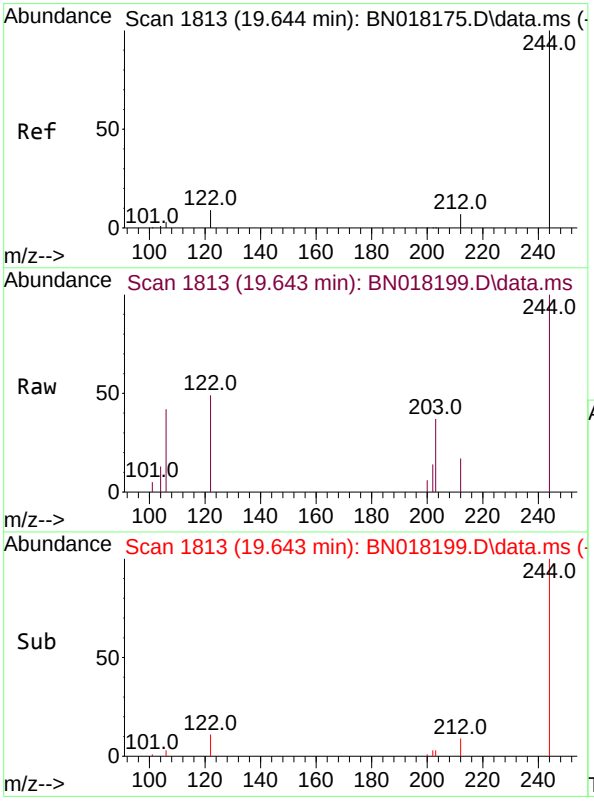
#30
Pyrene
Concen: 0.255 ng
RT: 19.425 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:202 Resp: 90164

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

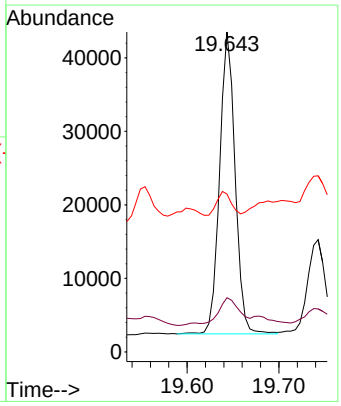


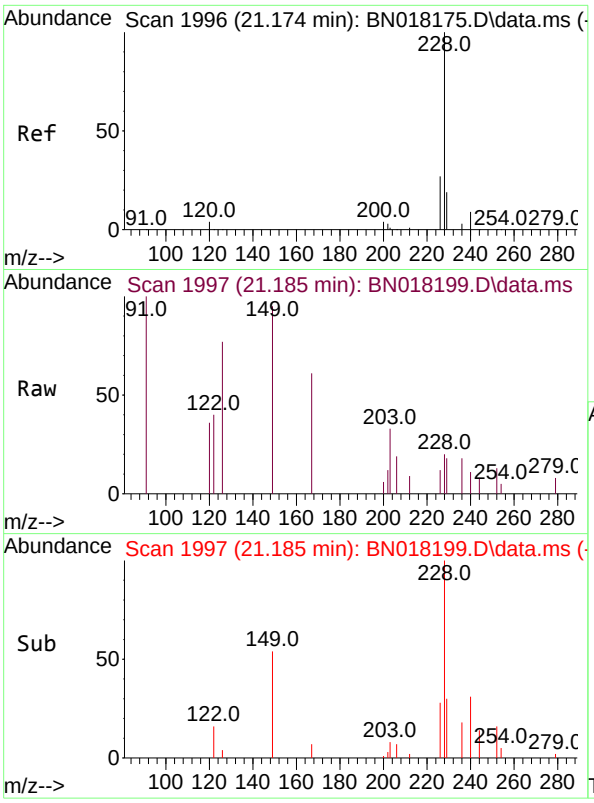


#31
Terphenyl-d14
Concen: 0.199 ng
RT: 19.643 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:244 Resp: 48276

Ion	Ratio	Lower	Upper
244	100		
212	16.9	6.2	9.2#
122	49.3	7.9	11.9#





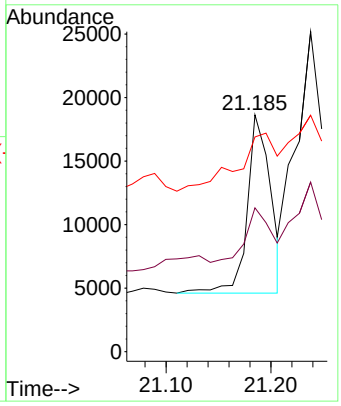
#32
Benzo(a)anthracene
Concen: 0.068 ng
RT: 21.185 min Scan# 1

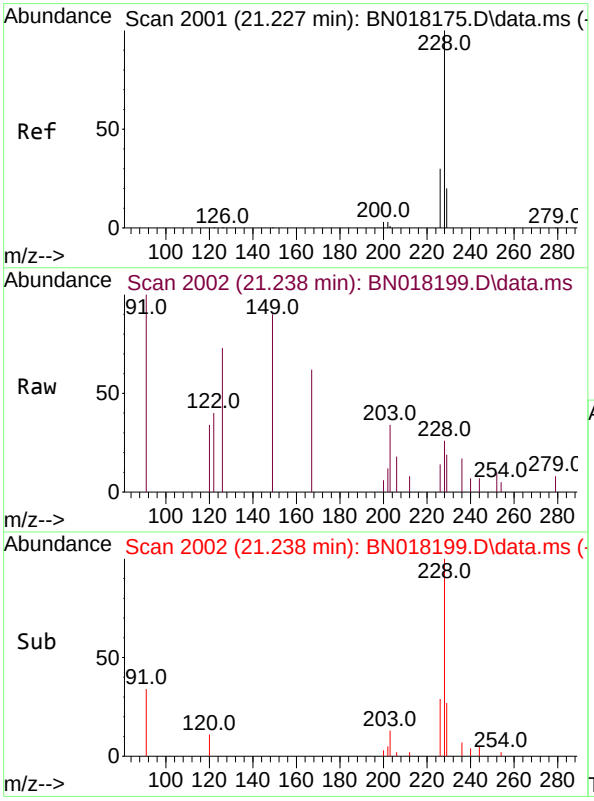
Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Delta R.T. 0.011 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:228 Resp: 21864

Ion	Ratio	Lower	Upper
228	100		
226	60.7	21.3	31.9#
229	90.7	15.9	23.9#

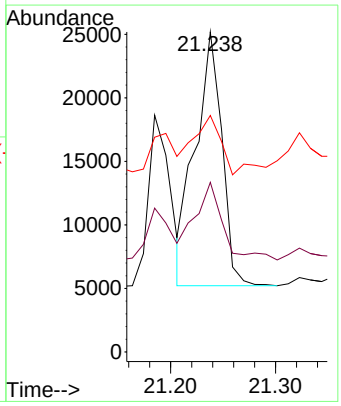


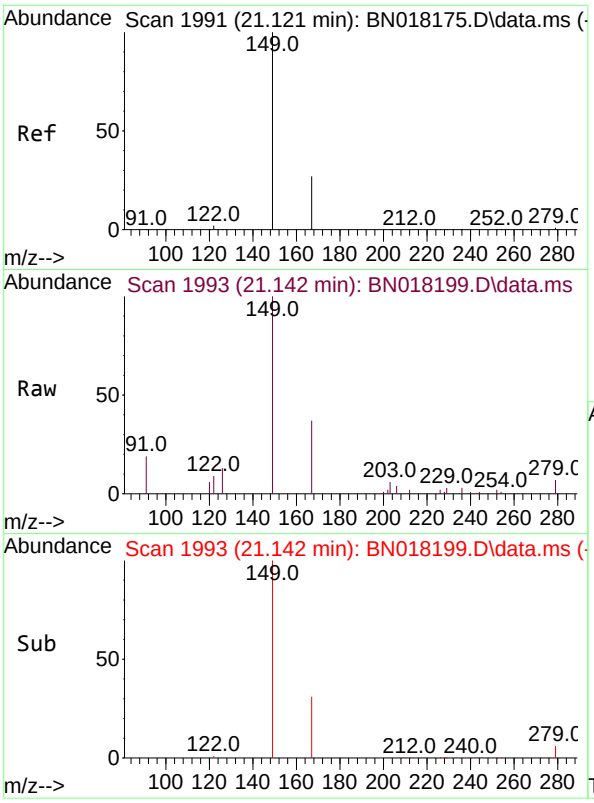


#33
Chrysene
Concen: 0.101 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.011 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:228 Resp: 35170

Ion	Ratio	Lower	Upper
228	100		
226	53.0	24.2	36.4#
229	73.9	15.5	23.3#



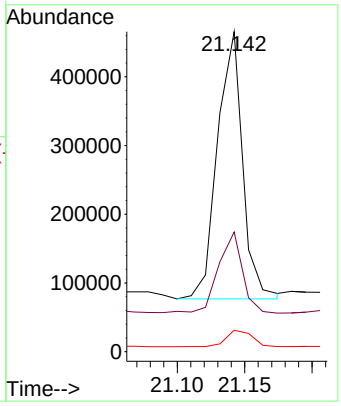


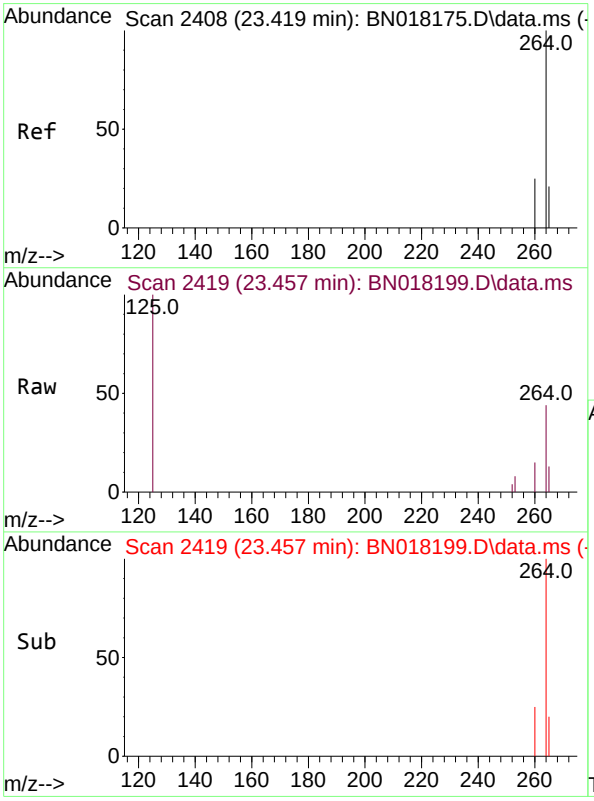
#34
Bis(2-ethylhexyl)phthalate
Concen: 3.088 ng
RT: 21.142 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:149 Resp: 504388

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.7	35.5
279	6.5	3.6	5.4#

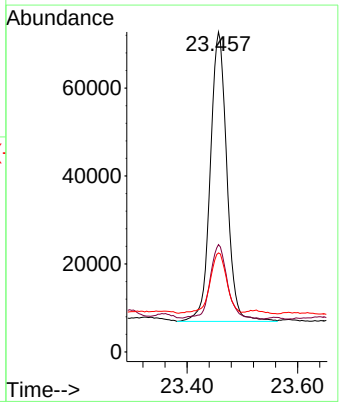


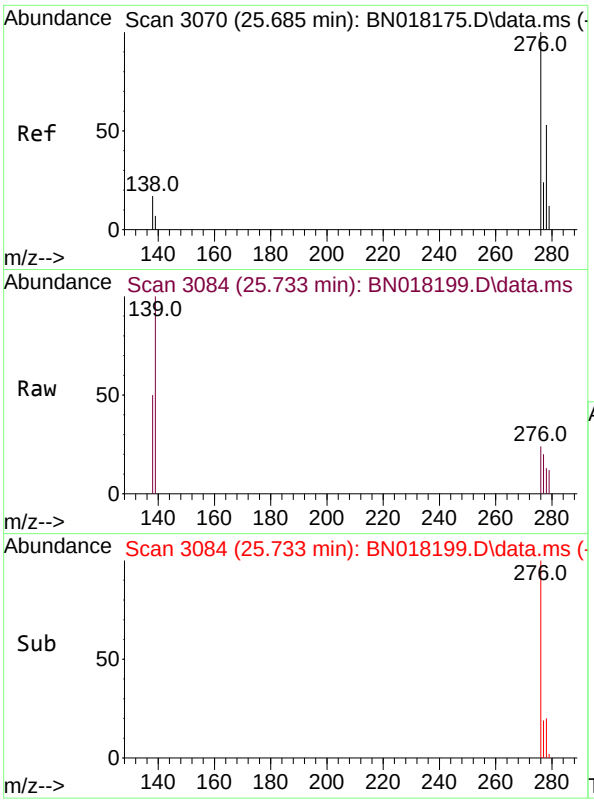


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.457 min Scan# 2419
Delta R.T. 0.038 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:264 Resp: 136563

Ion	Ratio	Lower	Upper
264	100		
260	33.5	20.2	30.4#
265	30.9	18.2	27.2#



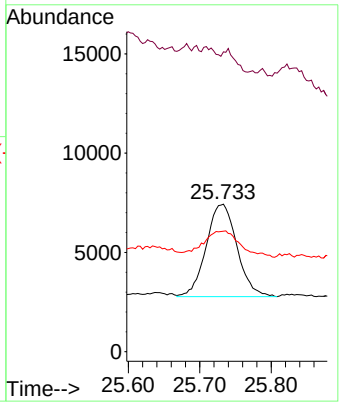


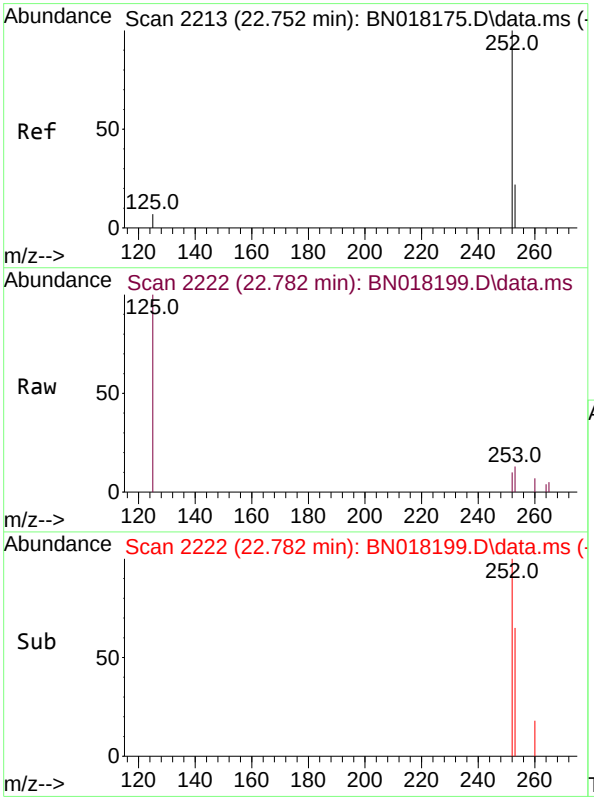
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng
RT: 25.733 min Scan# 3
Delta R.T. 0.048 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:276 Resp: 13947

Ion	Ratio	Lower	Upper
276	100		
138	9.2	14.9	22.3#
277	34.3	19.9	29.9#

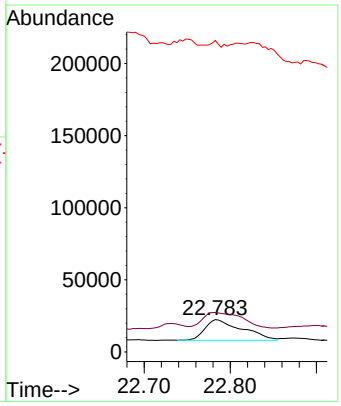


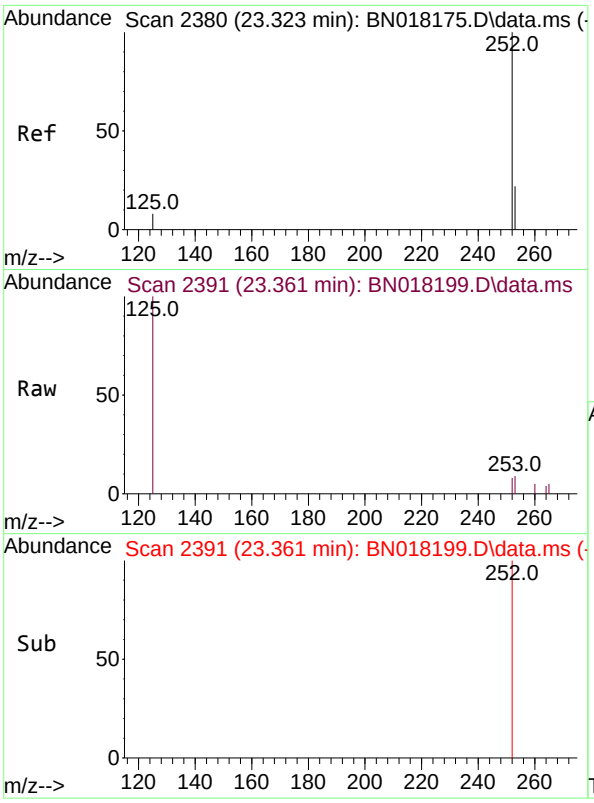


#37
Benzo(b)fluoranthene
Concen: 0.102 ng
RT: 22.782 min Scan# 2222
Delta R.T. 0.030 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:252 Resp: 42883

Ion	Ratio	Lower	Upper
252	100		
253	122.6	17.8	26.6#
125	965.0	6.0	9.0#



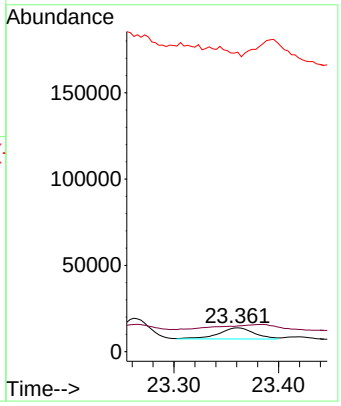


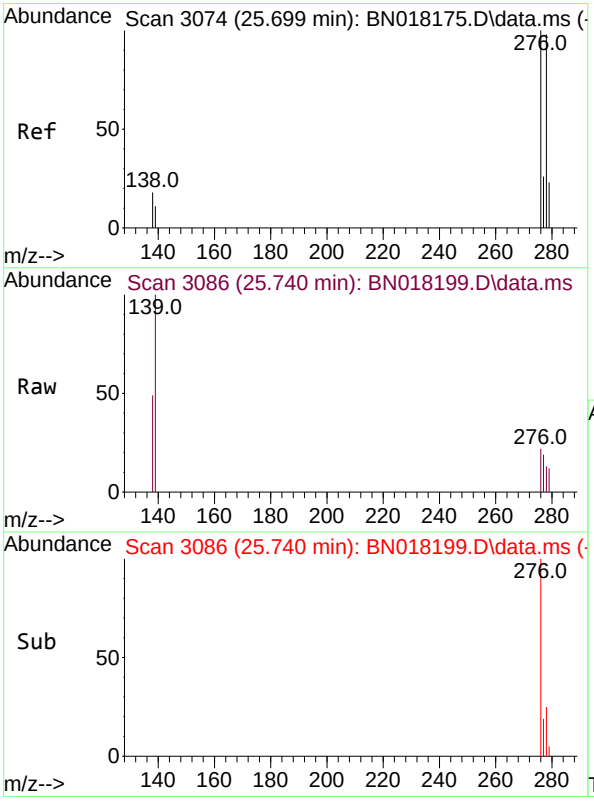
#39
Benzo(a)pyrene
Concen: 0.040 ng
RT: 23.361 min Scan# 2
Delta R.T. 0.038 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:252 Resp: 15312

Ion	Ratio	Lower	Upper
252	100		
253	107.6	17.8	26.6#
125	1251.4	7.0	10.4#

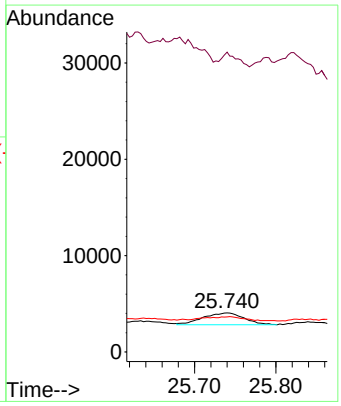


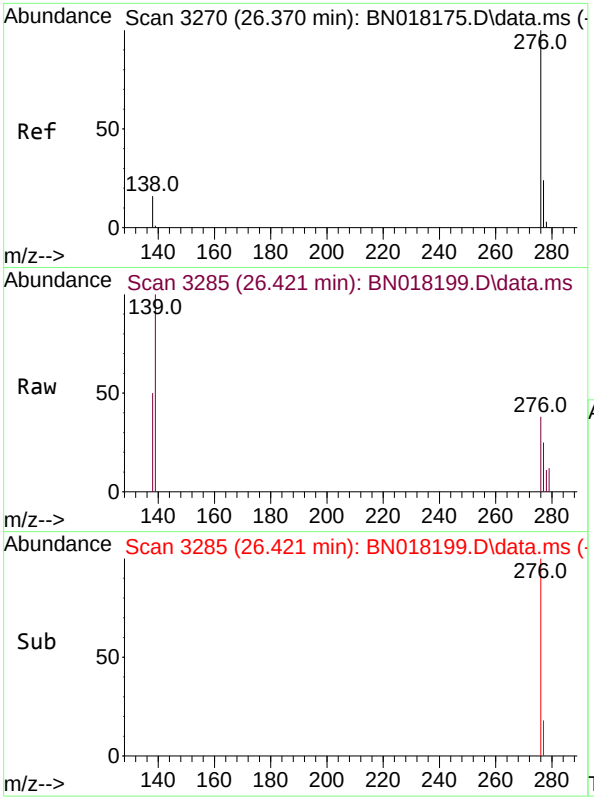


#40
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 25.740 min Scan# 3086
Delta R.T. 0.041 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:278 Resp: 4360

Ion	Ratio	Lower	Upper
278	100		
139	767.1	10.8	16.2#
279	89.7	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.054 ng
RT: 26.421 min Scan# 3
Delta R.T. 0.051 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
BNA_N
ClientSampleId :
OB-CS-08

Tgt Ion:276 Resp: 19712

Ion	Ratio	Lower	Upper
276	100		
277	64.4	19.0	28.6#
138	129.8	12.6	19.0#