Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018201.D
Acq On : 24 Dec 2021 04:37
Operator : CG/JU
Sample : M5107-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Quant Time: Dec 24 23:34:19 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	27523	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	118162	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	77590	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	157182	0.400	ng	0.00
29) Chrysene-d12	21.196	240	97738	0.400	ng	# 0.00
35) Perylene-d12	23.437	264	116080	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	70	0.001	ng	0.04
5) Phenol-d6	6.822	99	1875	0.029	ng	0.00
8) Nitrobenzene-d5	8.759	82	23094	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	11.994	152	47687	0.235	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	173	0.184	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	72834	0.251	ng	-0.01
27) Fluoranthene-d10	19.033	212	102676	0.206	ng	0.00
31) Terphenyl-d14	19.639	244	73987	0.344	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.475	42	20393	0.848	ng	# 1
9) Naphthalene	10.445	128	13871	0.048	ng	96
12) 2-Methylnaphthalene	12.065	142	5186	0.027	ng	95
20) 4,6-Dinitro-2-methylph...	15.436	198	47	0.162	ng	# 1
23) Atrazine	16.470	200	609	0.109	ng	# 1
24) Pentachlorophenol	16.665	266	142	0.295	ng	# 55
25) Phenanthrene	17.030	178	53255	0.128	ng	# 91
28) Fluoranthene	19.063	202	60620	0.124	ng	97
30) Pyrene	19.425	202	60673	0.193	ng	96
32) Benzo(a)anthracene	21.174	228	13251	0.047	ng	# 1
33) Chrysene	21.227	228	27452	0.089	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.132	149	637518	4.282	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.709	276	7879	0.023	ng	# 82
37) Benzo(b)fluoranthene	22.766	252	28131	0.078	ng	# 1
39) Benzo(a)pyrene	23.337	252	7975	0.025	ng	# 1
40) Dibenzo(a,h)anthracene	25.726	278	2328	0.038	ng	# 1
41) Benzo(g,h,i)perylene	26.397	276	11577	0.037	ng	# 1

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

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Acq On : 24 Dec 2021 04:37
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Instrument :
BNA_N
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OB-CS-10

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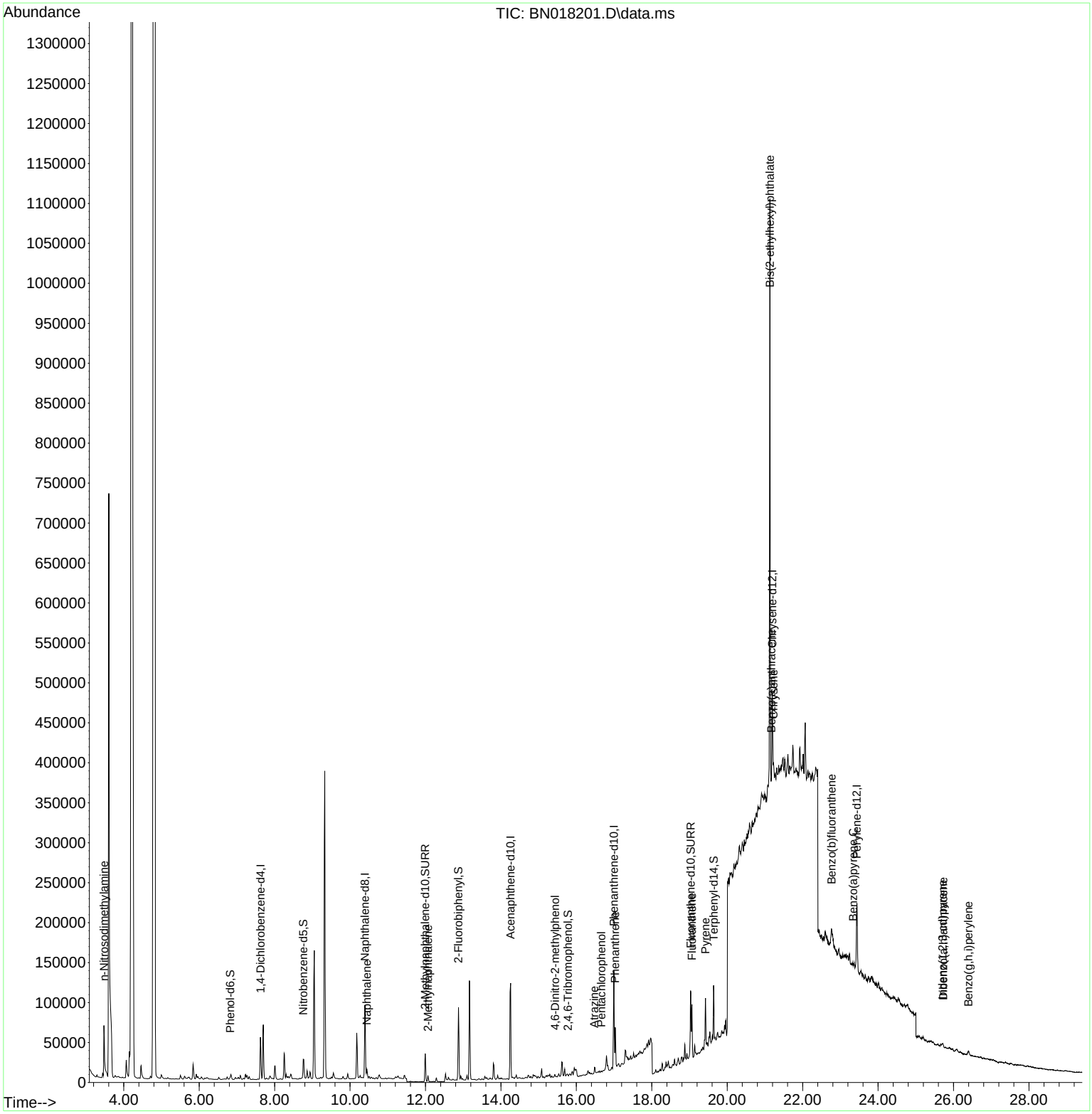
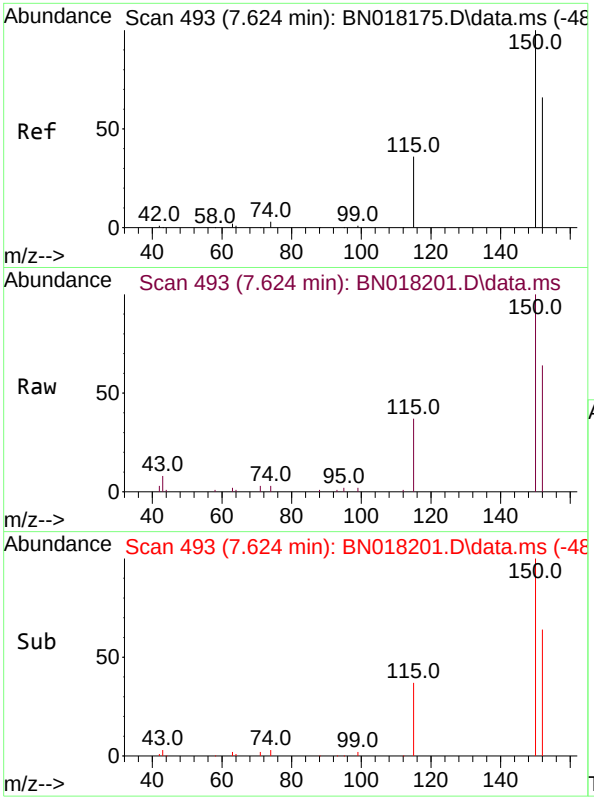
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration



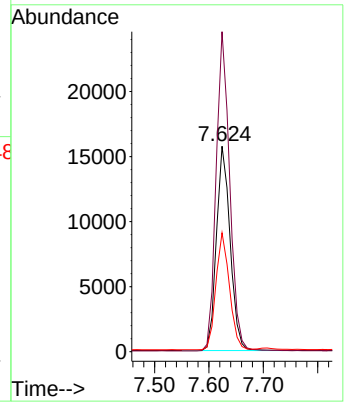


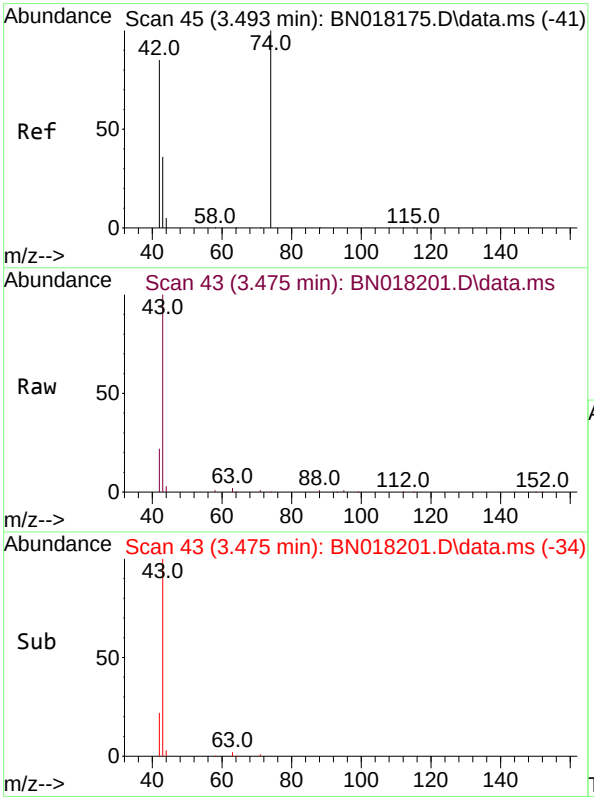
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:152 Resp: 27523

Ion	Ratio	Lower	Upper
152	100		
150	155.8	121.7	182.5
115	57.8	43.8	65.8

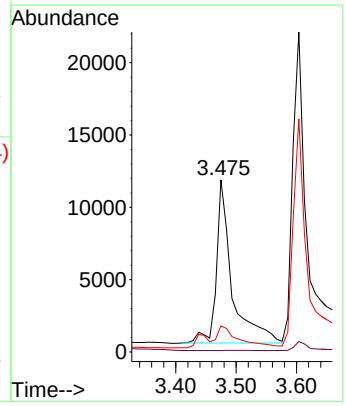


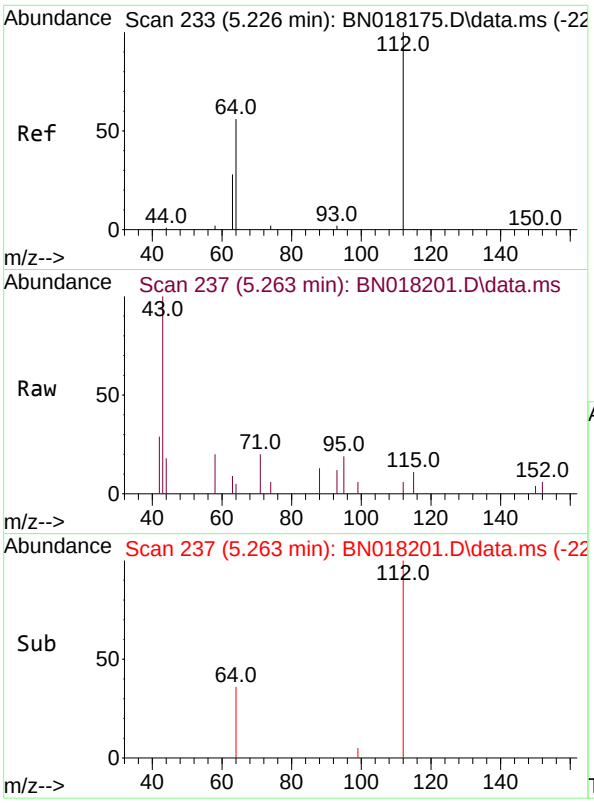


#3
n-Nitrosodimethylamine
Concen: 0.848 ng
RT: 3.475 min Scan# 43
Delta R.T. -0.018 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion: 42 Resp: 20393

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	15.9	5.8	8.8#



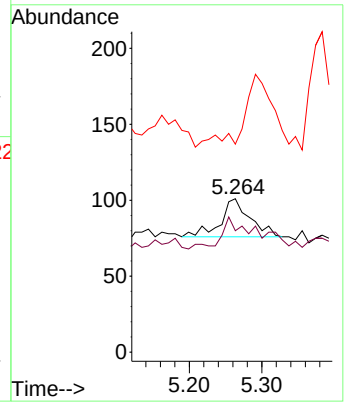


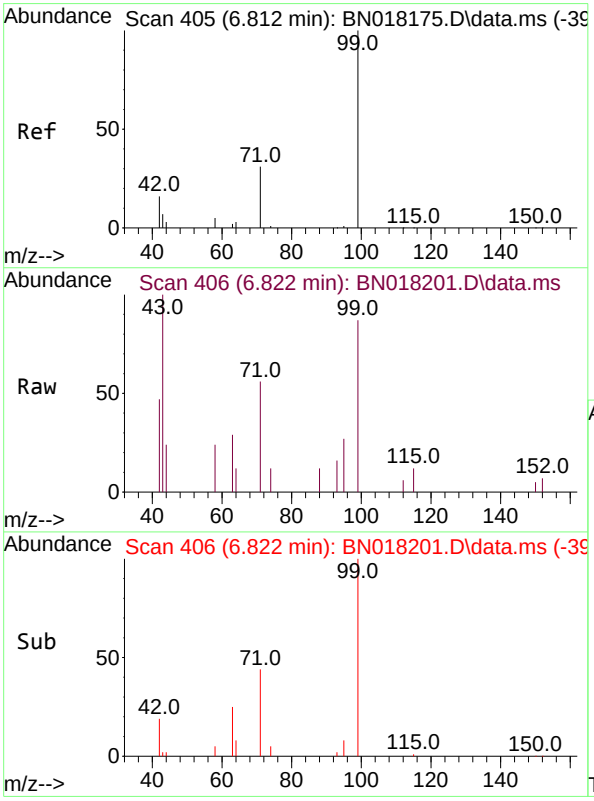
#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.263 min Scan# 2
Delta R.T. 0.037 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:112 Resp: 70

Ion	Ratio	Lower	Upper
112	100		
64	101.4	48.0	72.0#
63	0.0	25.3	37.9#

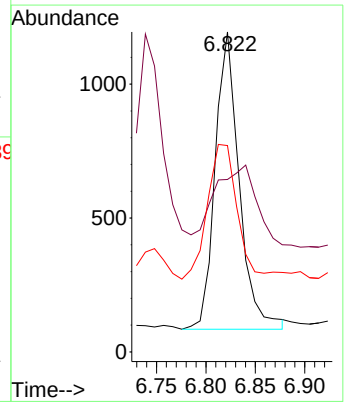


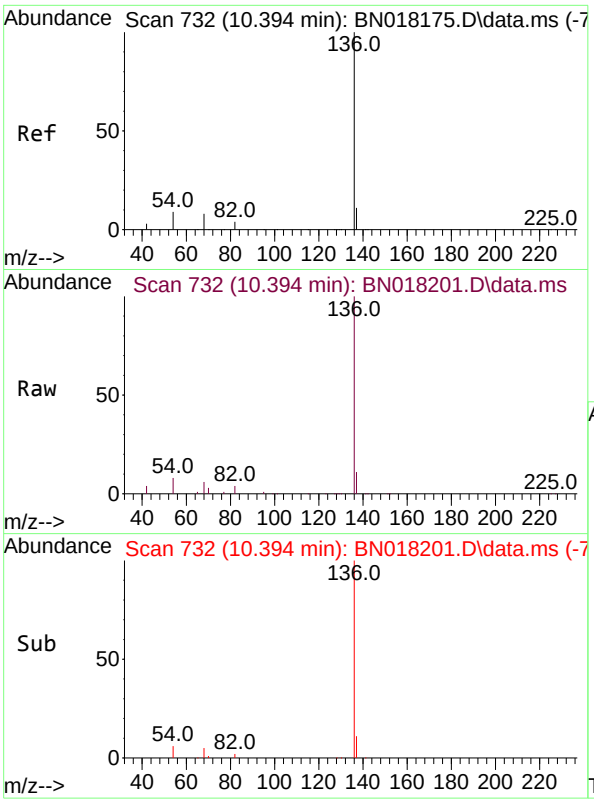


#5
Phenol-d6
Concen: 0.029 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.010 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion: 99 Resp: 1875

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.3	24.5#
71	55.5	26.8	40.2#



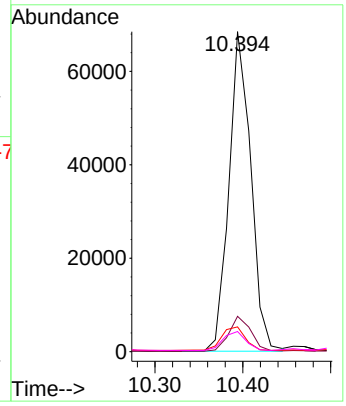


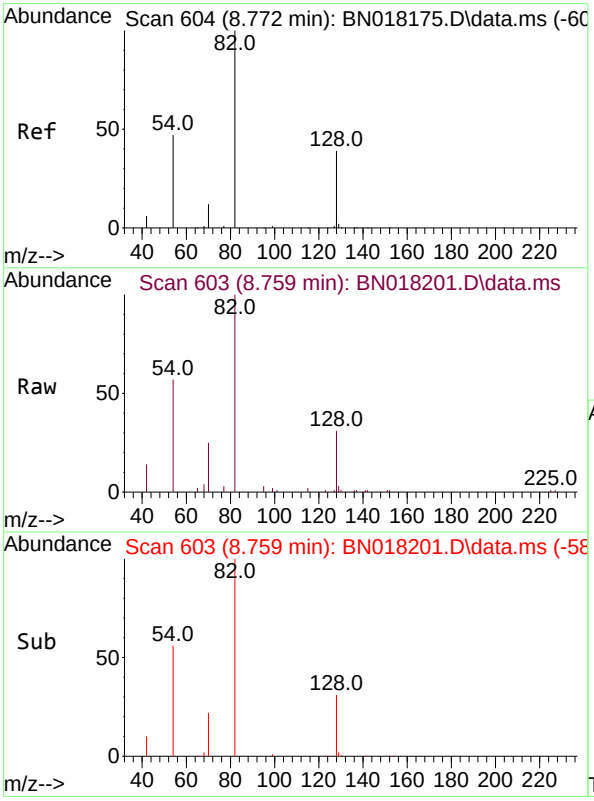
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:136 Resp: 118162

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	5.0	7.6#
68	6.3	4.4	6.6

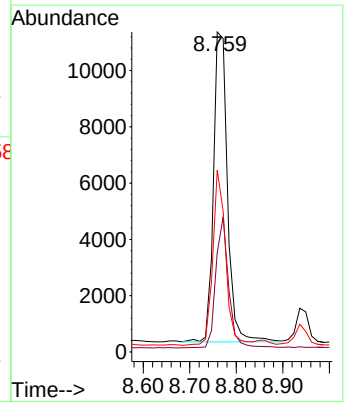


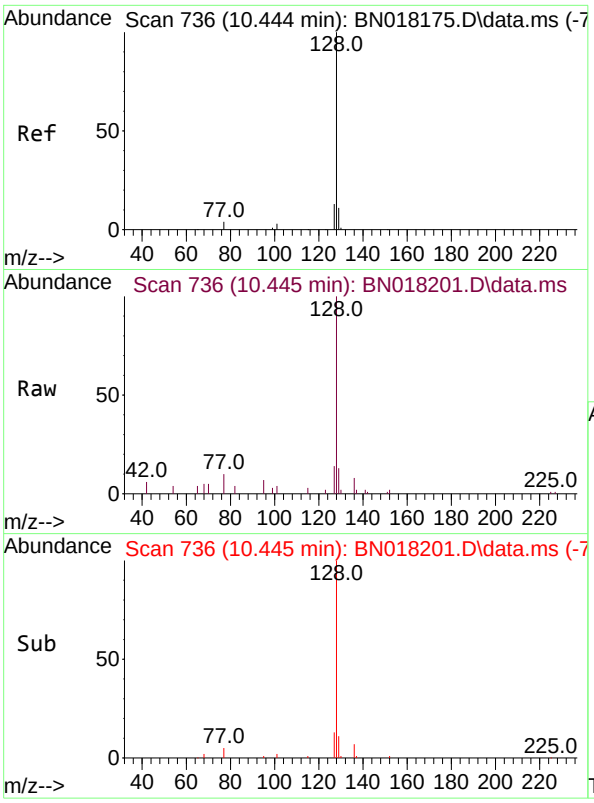


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.013 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion: 82 Resp: 23094

Ion	Ratio	Lower	Upper
82	100		
128	31.1	33.7	50.5#
54	56.9	36.6	55.0#



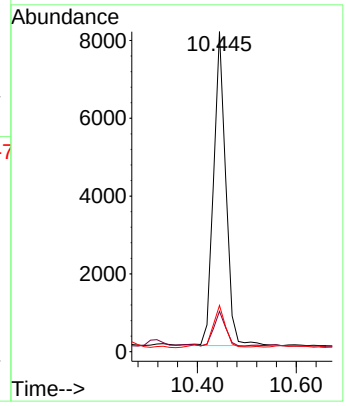


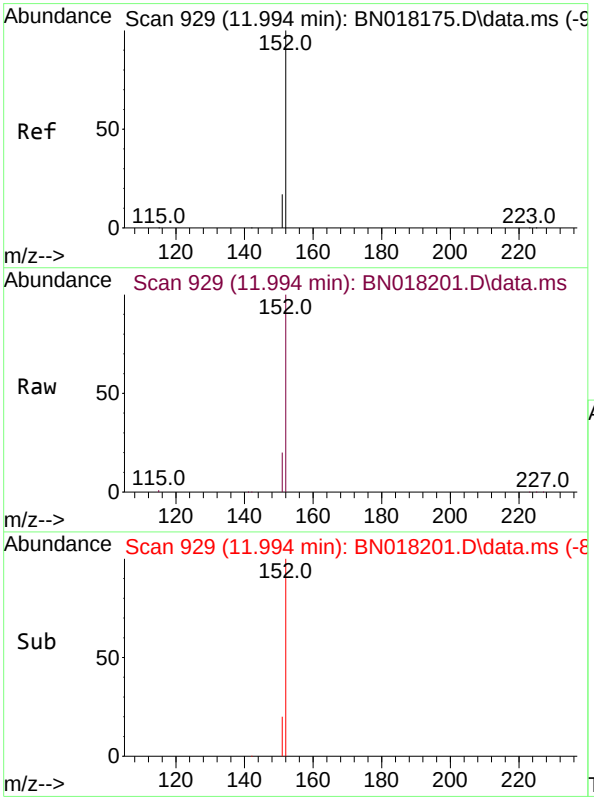
#9
Naphthalene
Concen: 0.048 ng
RT: 10.445 min Scan# 7
Delta R.T. 0.001 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:128 Resp: 13871

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.7	13.1
127	14.4	10.4	15.6

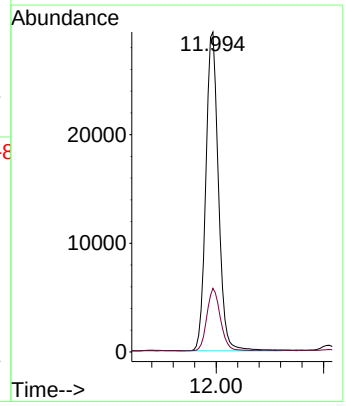


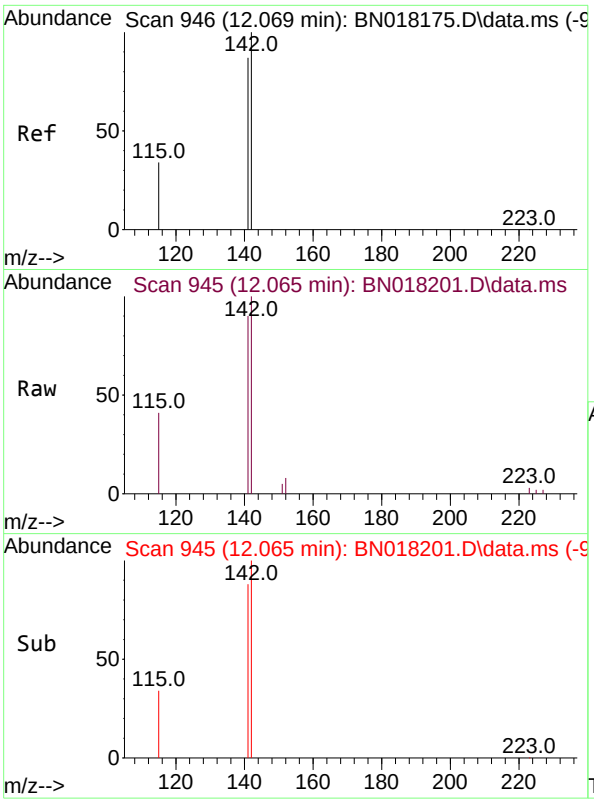


#11
2-Methylnaphthalene-d10
Concen: 0.235 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:152 Resp: 47687

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2



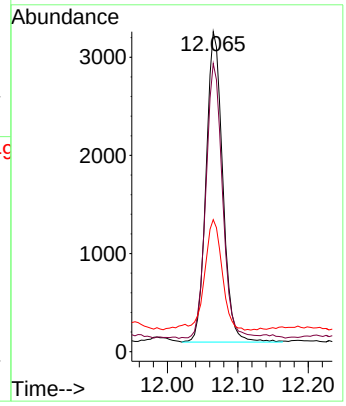


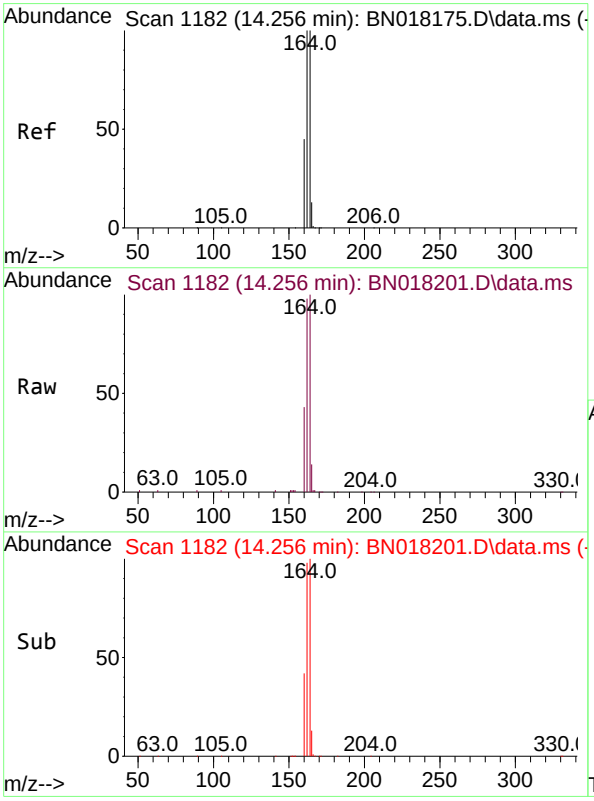
#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.065 min Scan# 94
Delta R.T. -0.004 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:142 Resp: 5186

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.0	105.0
115	41.2	27.8	41.8

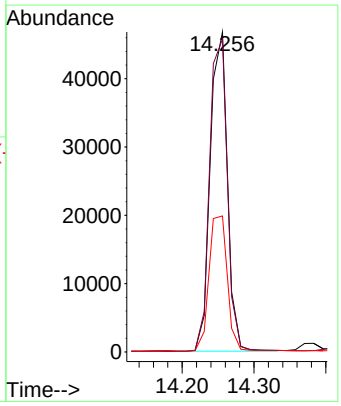


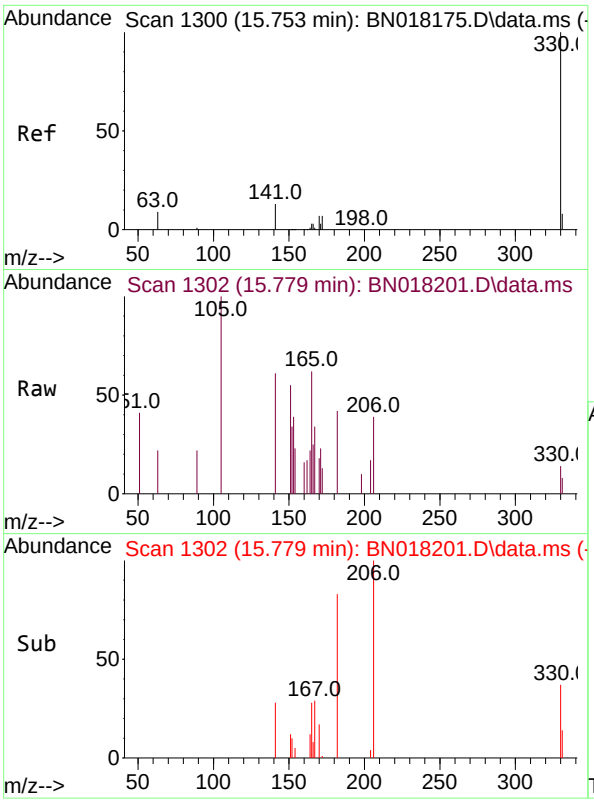


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:164 Resp: 77590

Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.2	120.2
160	42.5	36.9	55.3



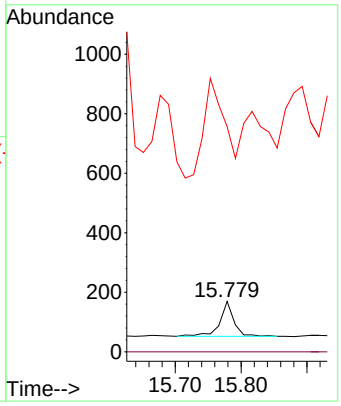


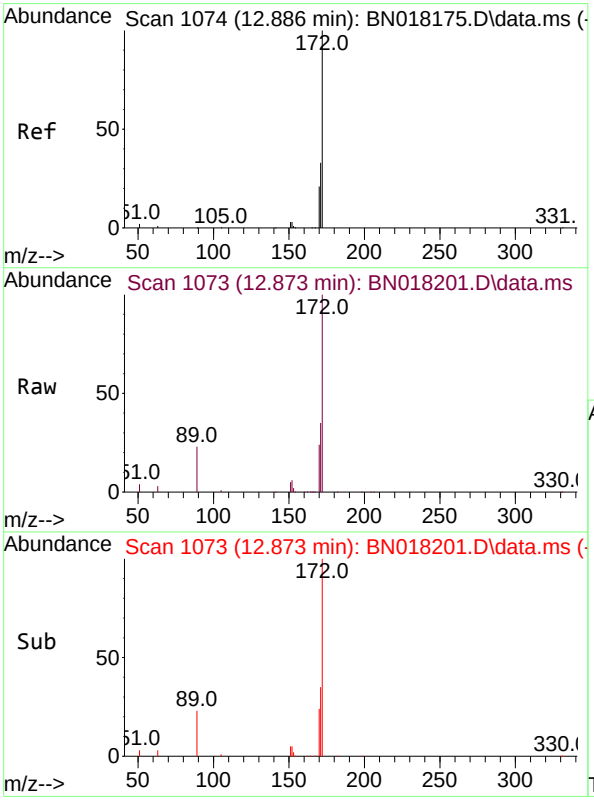
#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.779 min Scan# 1
Delta R.T. 0.026 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:330 Resp: 173

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

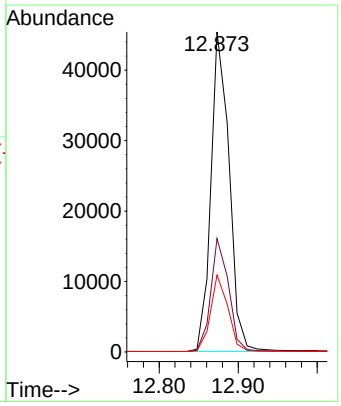


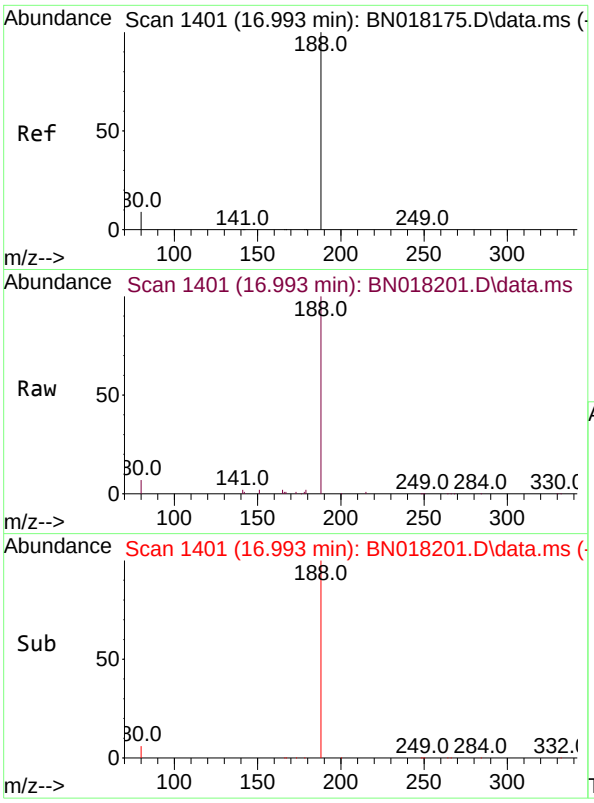


#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:172 Resp: 72834

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.4	41.0
170	24.1	18.4	27.6



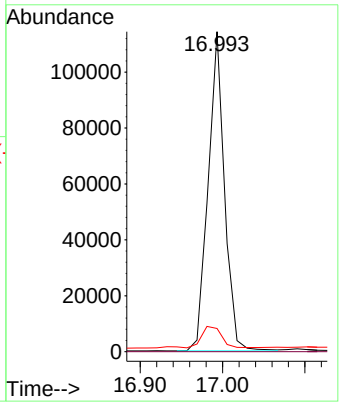


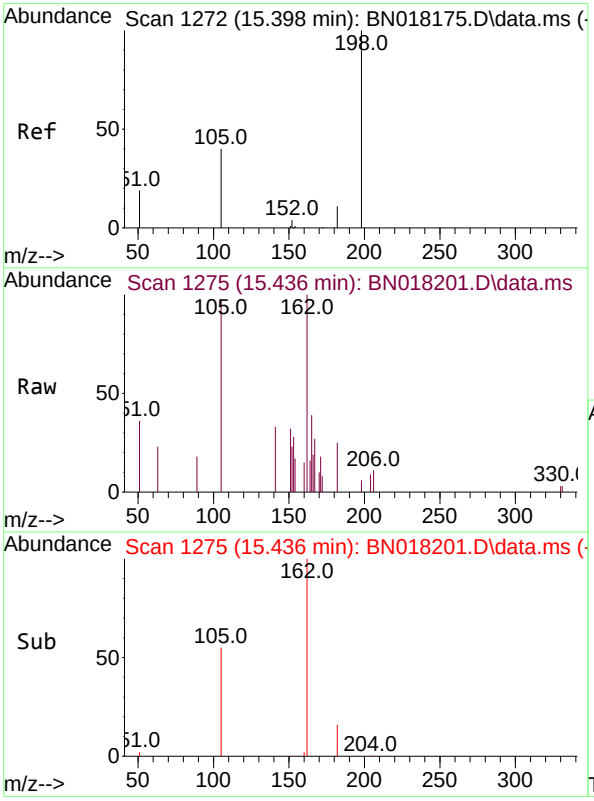
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:188 Resp: 157182

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	7.0	10.4

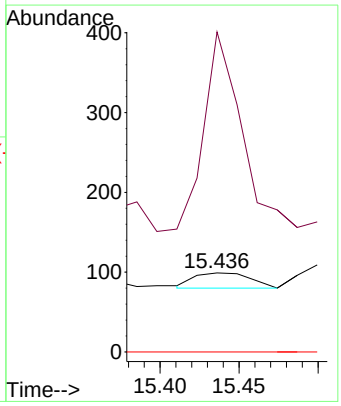


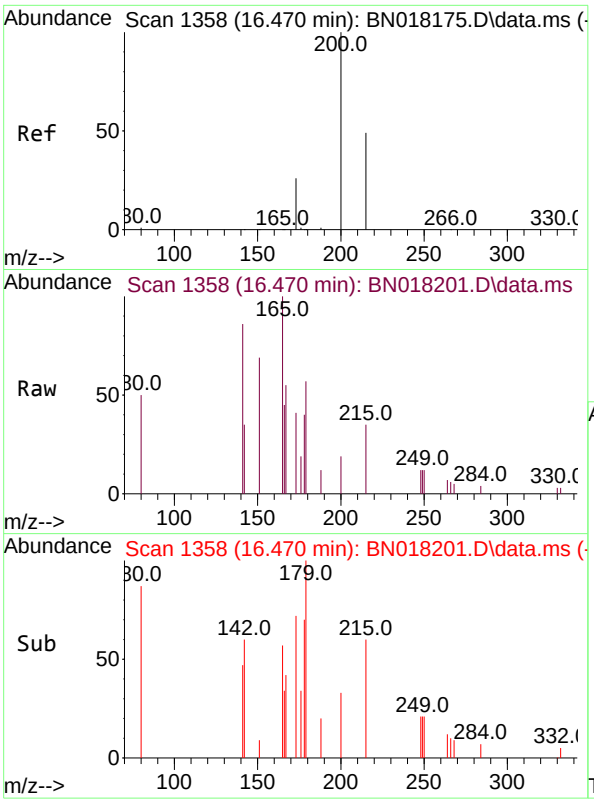


#20
4,6-Dinitro-2-methylphenol
Concen: 0.162 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.038 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:198 Resp: 47

Ion	Ratio	Lower	Upper
198	100		
182	405.1	15.5	23.3#
77	0.0	0.0	0.0



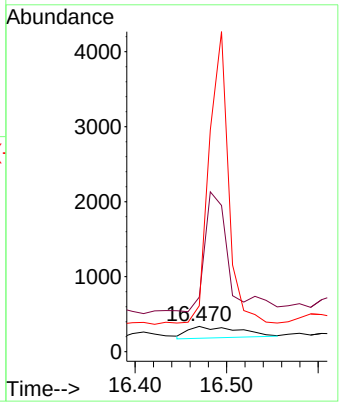


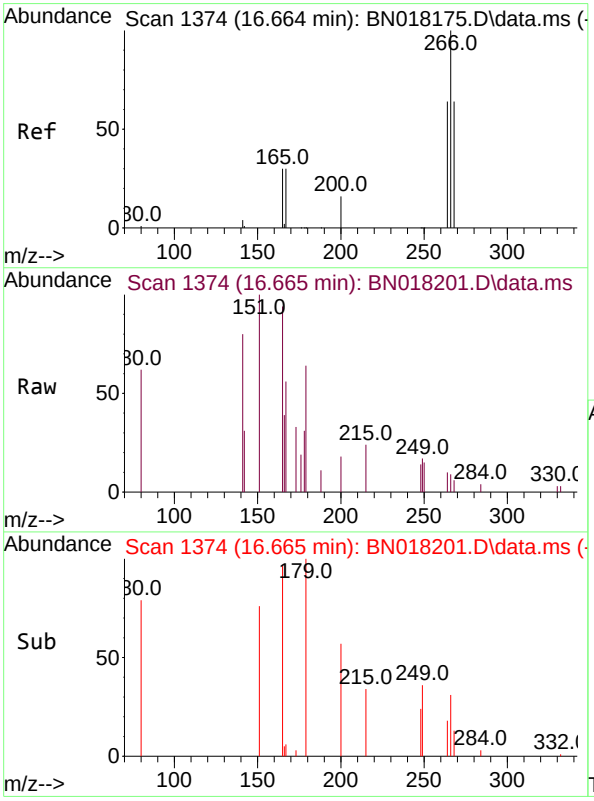
#23
Atrazine
Concen: 0.109 ng
RT: 16.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:200 Resp: 609

Ion	Ratio	Lower	Upper
200	100		
173	215.4	20.3	30.5#
215	181.4	40.4	60.6#

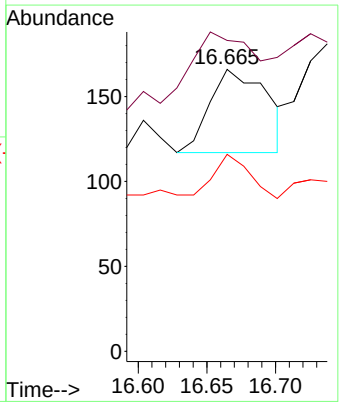


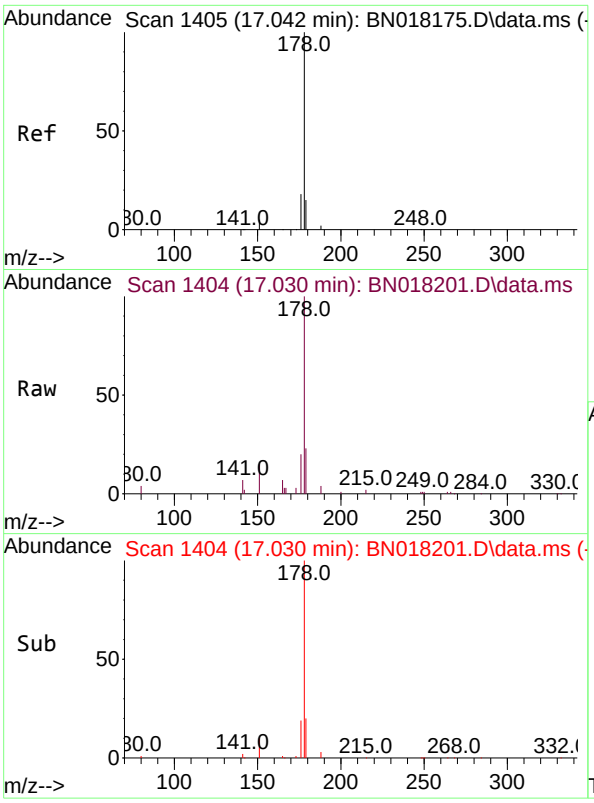


#24
Pentachlorophenol
Concen: 0.295 ng
RT: 16.665 min Scan# 1374
Delta R.T. 0.001 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:266 Resp: 142

Ion	Ratio	Lower	Upper
266	100		
264	105.6	49.5	74.3#
268	37.3	50.6	76.0#



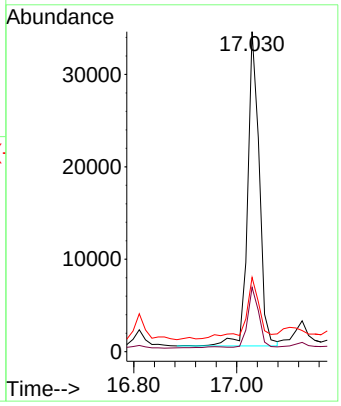


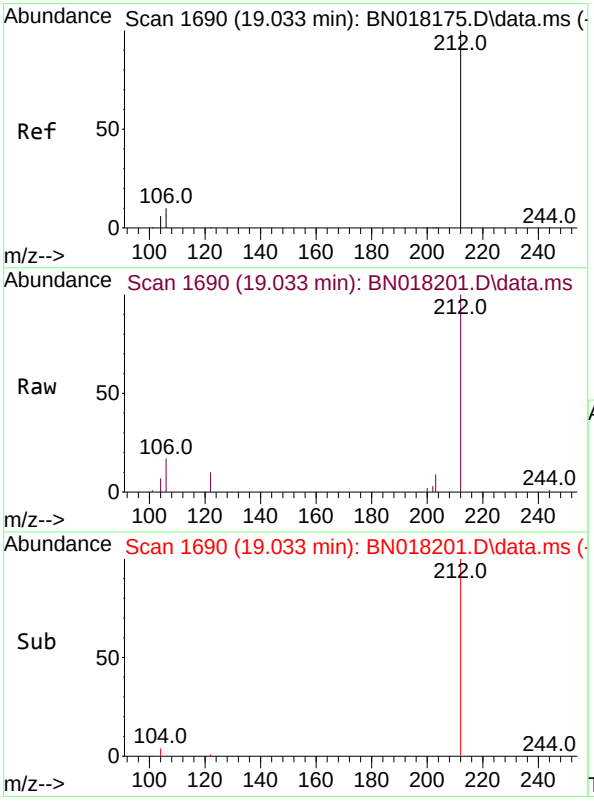
#25
Phenanthrene
Concen: 0.128 ng
RT: 17.030 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:178 Resp: 53255

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.3	22.9
179	22.9	12.3	18.5#

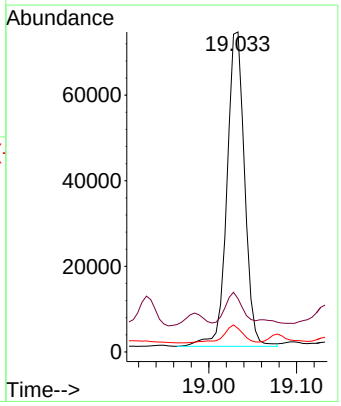


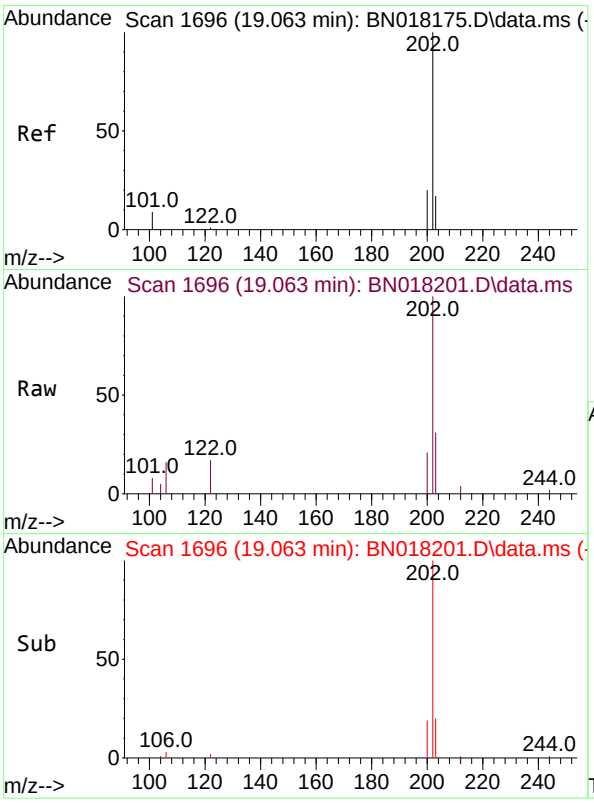


#27
Fluoranthene-d10
Concen: 0.206 ng
RT: 19.033 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:212 Resp: 102676

Ion	Ratio	Lower	Upper
212	100		
106	9.0	8.4	12.6
104	6.1	4.5	6.7



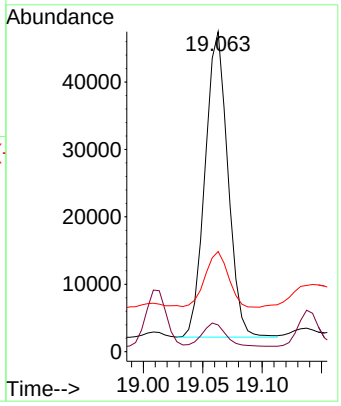


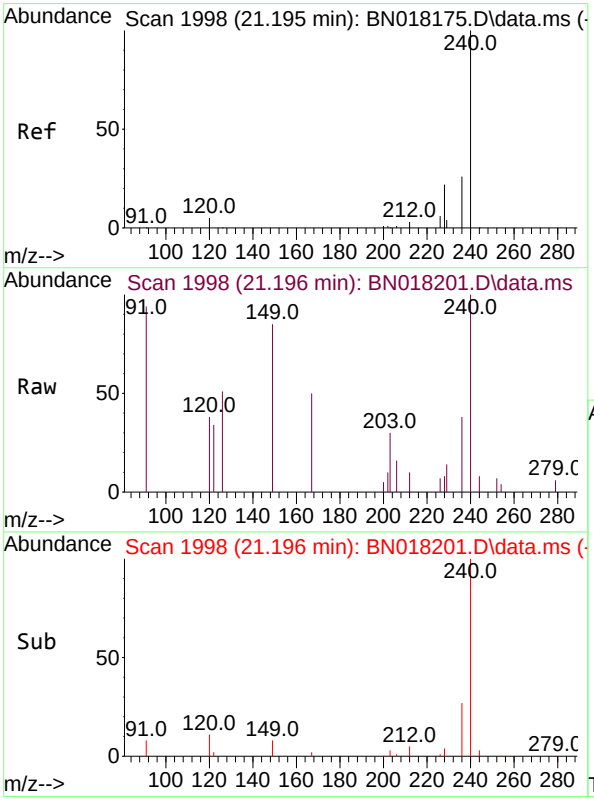
#28
Fluoranthene
Concen: 0.124 ng
RT: 19.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:202 Resp: 60620

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.2	10.8
203	18.3	13.7	20.5

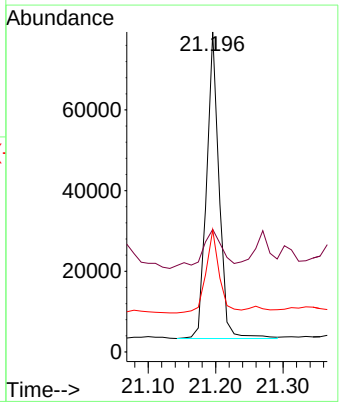


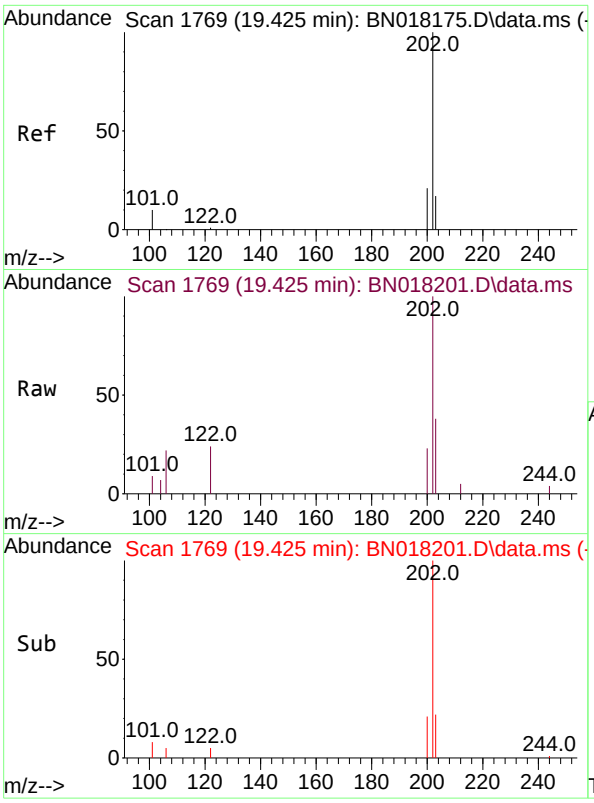


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.001 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:240 Resp: 97738

Ion	Ratio	Lower	Upper
240	100		
120	38.3	6.0	9.0#
236	38.1	21.4	32.2#



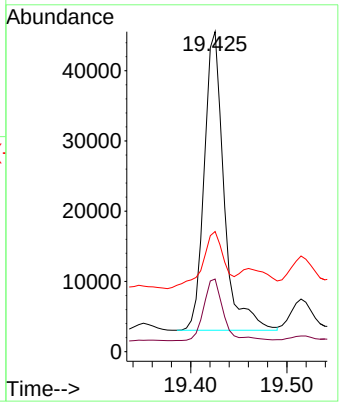


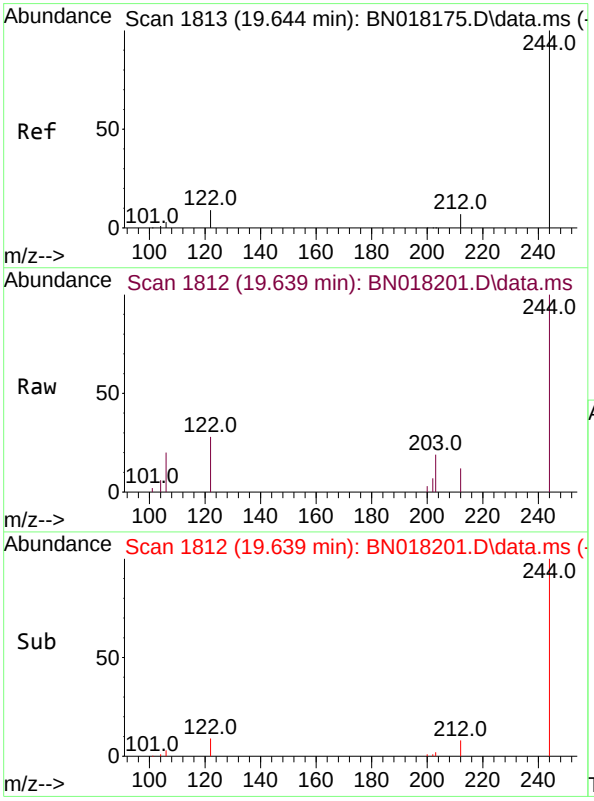
#30
Pyrene
Concen: 0.193 ng
RT: 19.425 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:202 Resp: 60673

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	20.8	14.1	21.1

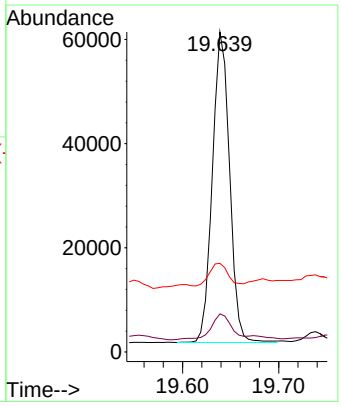


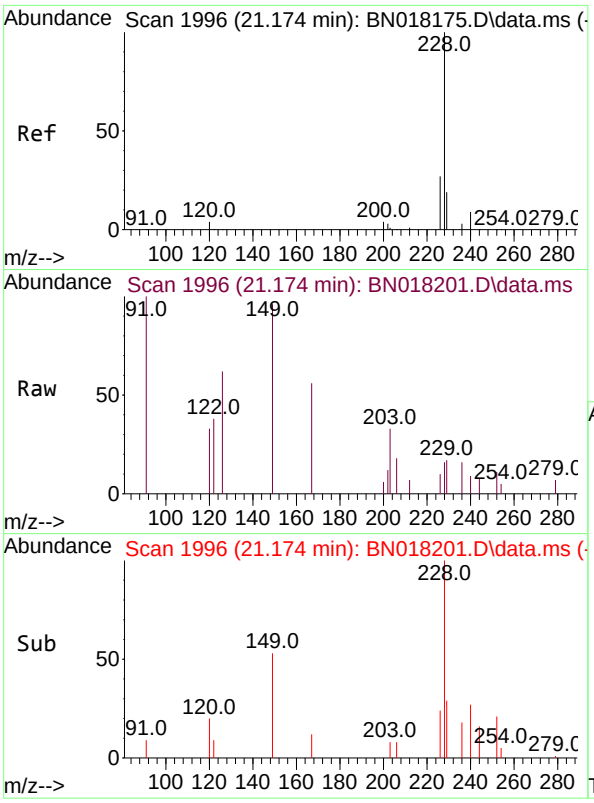


#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.639 min Scan# 1812
Delta R.T. -0.005 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:244 Resp: 73987

Ion	Ratio	Lower	Upper
244	100		
212	11.9	6.2	9.2#
122	27.7	7.9	11.9#



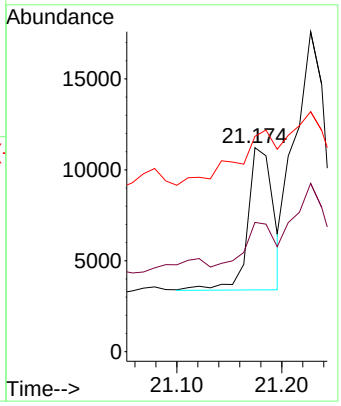


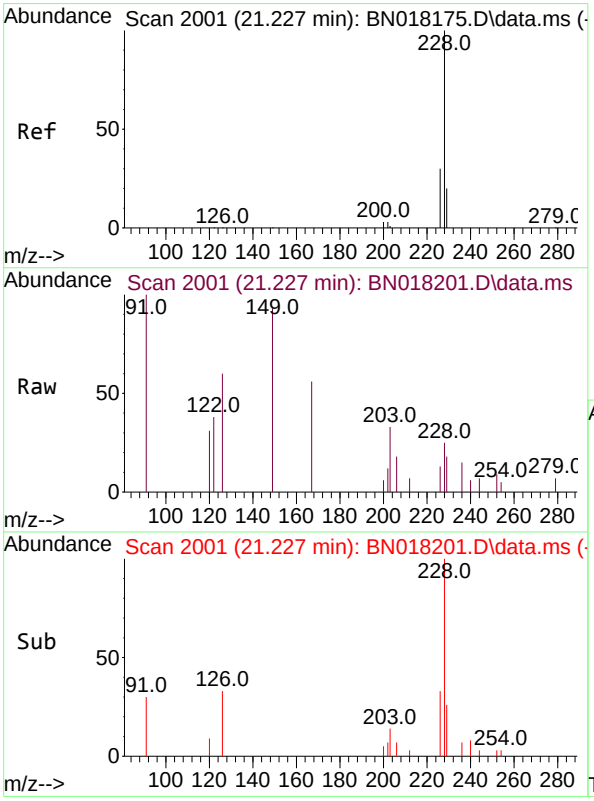
#32
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:228 Resp: 13251

Ion	Ratio	Lower	Upper
228	100		
226	63.4	21.3	31.9#
229	105.6	15.9	23.9#

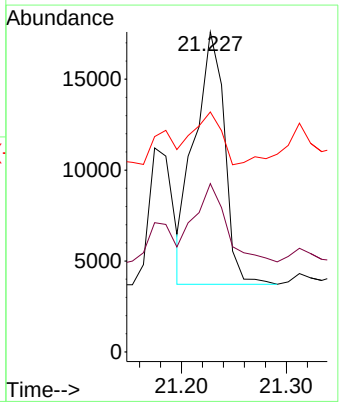


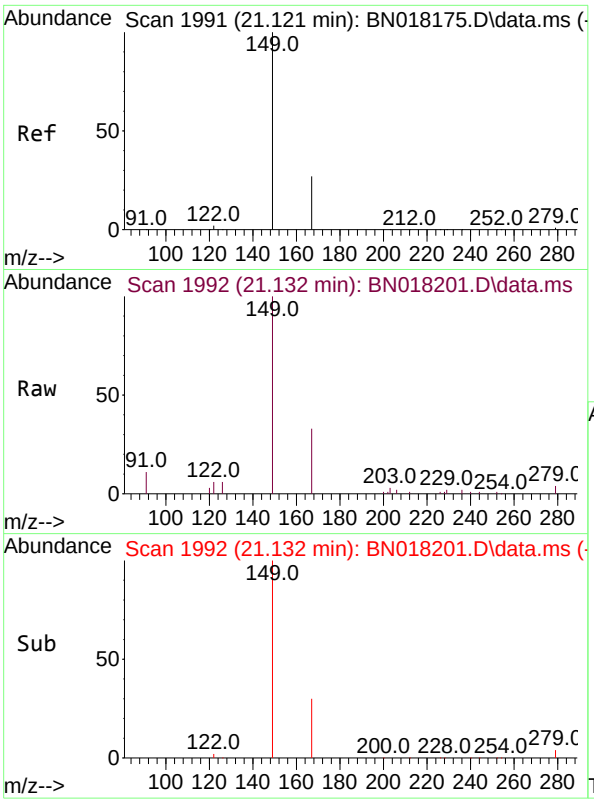


#33
Chrysene
Concen: 0.089 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:228 Resp: 27452

Ion	Ratio	Lower	Upper
228	100		
226	52.6	24.2	36.4#
229	75.0	15.5	23.3#



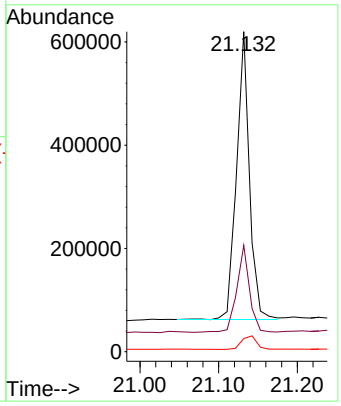


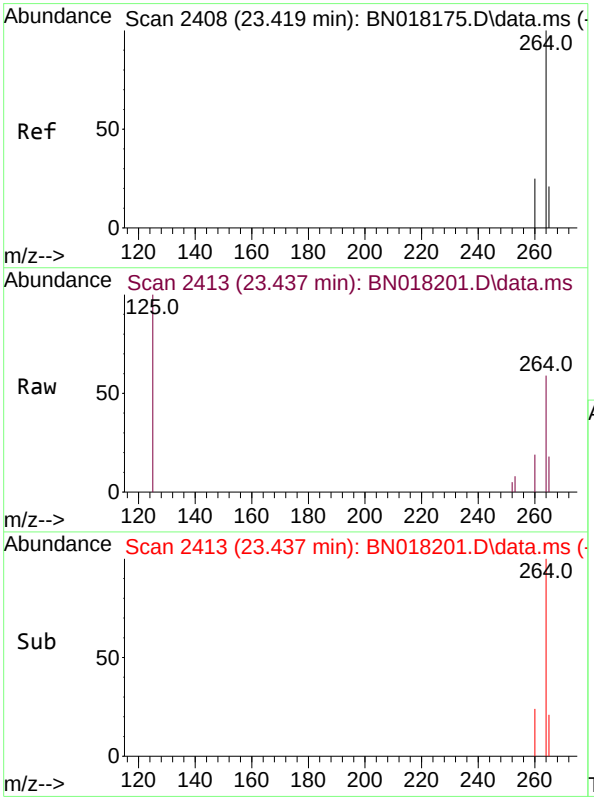
#34
Bis(2-ethylhexyl)phthalate
Concen: 4.282 ng
RT: 21.132 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:149 Resp: 637518

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.7	35.5
279	5.4	3.6	5.4#

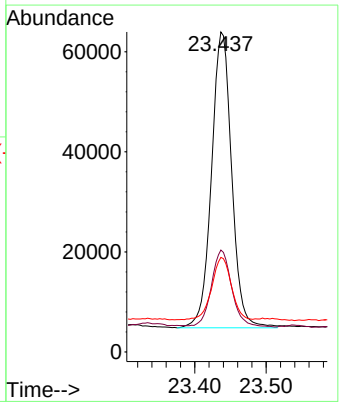


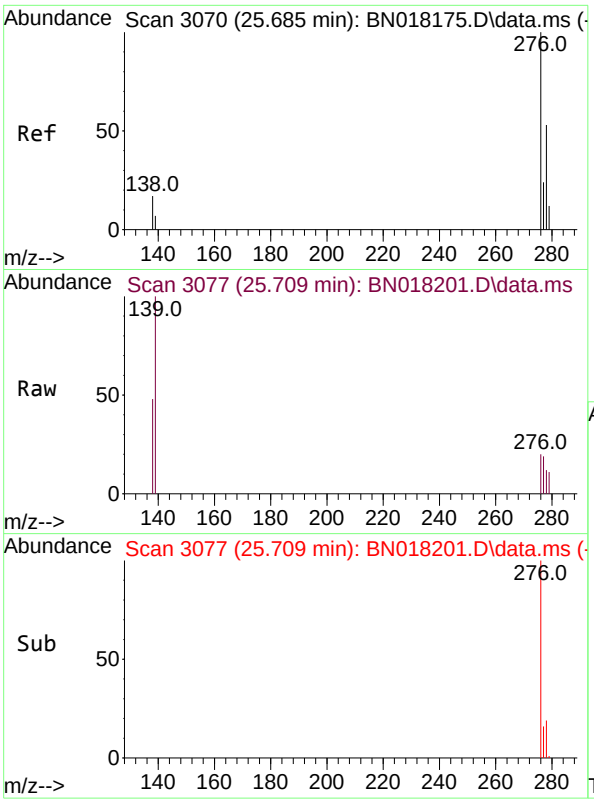


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.437 min Scan# 2413
Delta R.T. 0.018 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:264 Resp: 116080

Ion	Ratio	Lower	Upper
264	100		
260	31.8	20.2	30.4#
265	29.6	18.2	27.2#



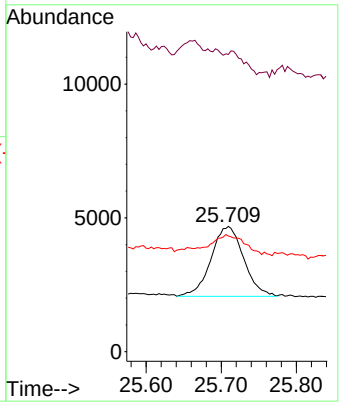


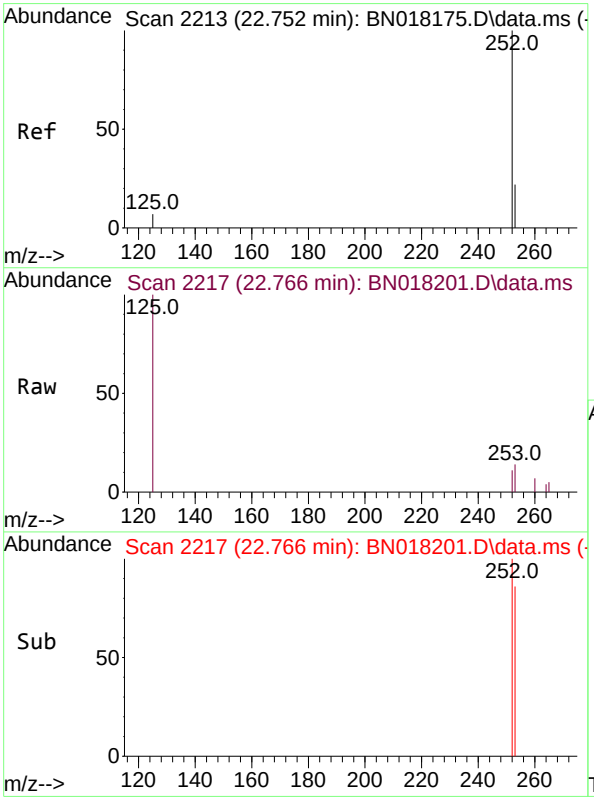
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 25.709 min Scan# 3
Delta R.T. 0.024 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:276 Resp: 7879

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.9	22.3#
277	25.4	19.9	29.9

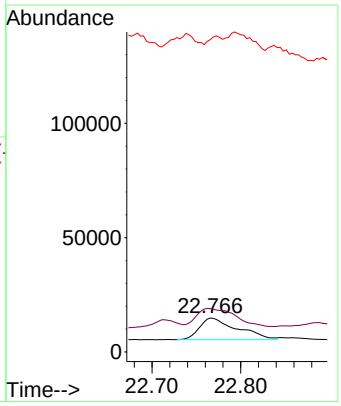


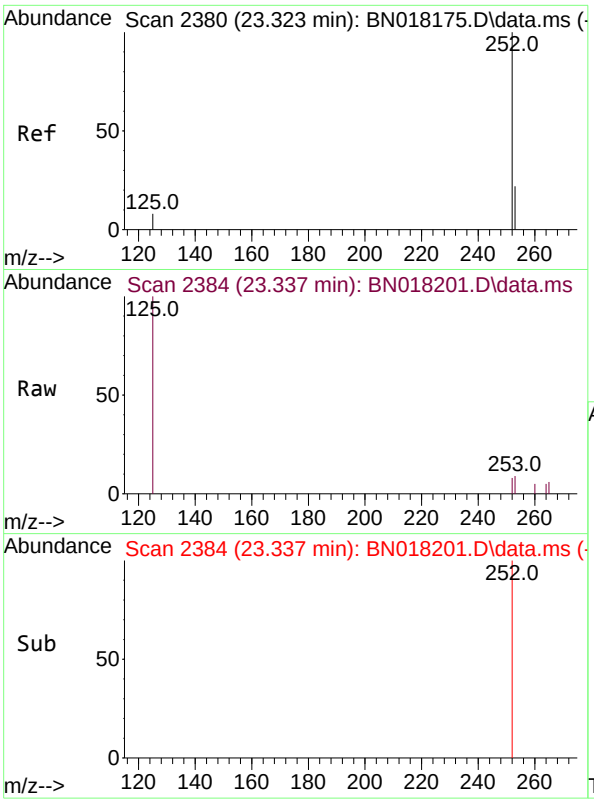


#37
Benzo(b)fluoranthene
Concen: 0.078 ng
RT: 22.766 min Scan# 2217
Delta R.T. 0.014 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:252 Resp: 28131

Ion	Ratio	Lower	Upper
252	100		
253	127.8	17.8	26.6#
125	919.6	6.0	9.0#



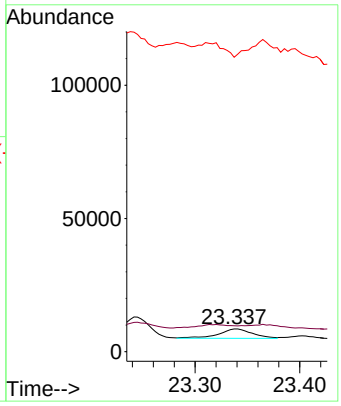


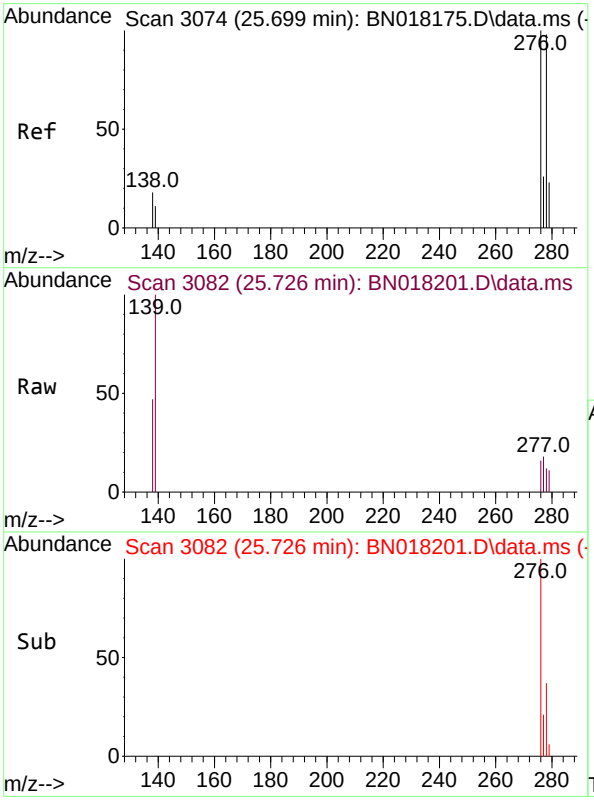
#39
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.337 min Scan# 2
Delta R.T. 0.014 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:252 Resp: 7975

Ion	Ratio	Lower	Upper
252	100		
253	113.6	17.8	26.6#
125	1291.7	7.0	10.4#

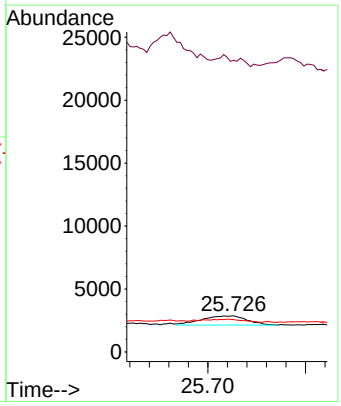


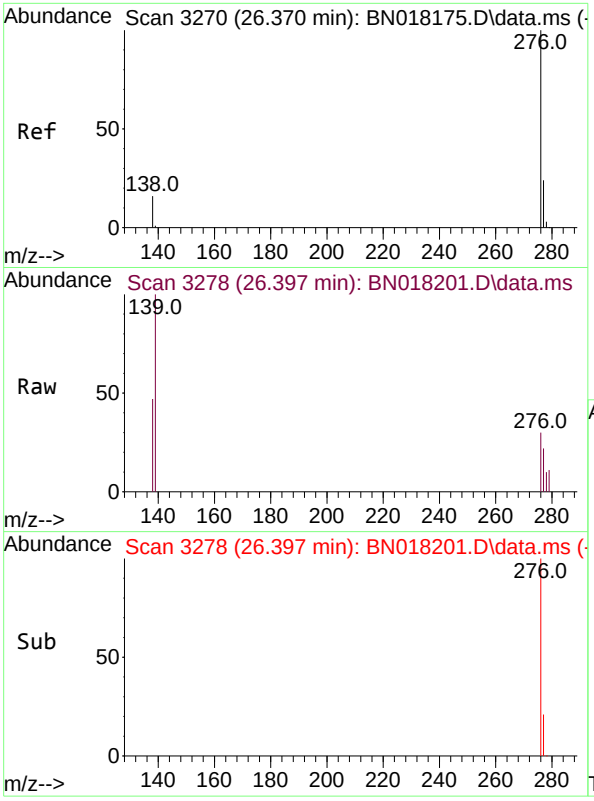


#40
Dibenzo(a,h)anthracene
Concen: 0.038 ng
RT: 25.726 min Scan# 3082
Delta R.T. 0.027 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Tgt Ion:278 Resp: 2328

Ion	Ratio	Lower	Upper
278	100		
139	807.5	10.8	16.2#
279	89.7	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.037 ng
RT: 26.397 min Scan# 3
Delta R.T. 0.027 min
Lab File: BN018201.D
Acq: 24 Dec 2021 04:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion:276 Resp: 11577

Ion	Ratio	Lower	Upper
276	100		
277	73.8	19.0	28.6#
138	159.7	12.6	19.0#