Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018269.D
Acq On : 29 Dec 2021 20:01
Operator : CG/JU
Sample : M5107-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Quant Time: Dec 30 02:23:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27581	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	110573	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	69103	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	135049	0.400	ng	0.00
29) Chrysene-d12	21.195	240	97051	0.400	ng	# 0.00
35) Perylene-d12	23.429	264	94741	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	860	0.016	ng	0.03
5) Phenol-d6	6.840	99	1473	0.028	ng	0.00
8) Nitrobenzene-d5	8.784	82	20799	0.391	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	46788	0.252	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	282	0.312	ng	0.02
15) 2-Fluorobiphenyl	12.898	172	73138	0.280	ng	0.00
27) Fluoranthene-d10	19.038	212	105461	0.245	ng	0.00
31) Terphenyl-d14	19.643	244	83229	0.338	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.493	42	41184	1.818	ng	# 1
9) Naphthalene	10.470	128	23651	0.086	ng	98
12) 2-Methylnaphthalene	12.082	142	56804	0.324	ng	99
18) Fluorene	15.309	166	4297	0.020	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.461	198	202	0.276	ng	# 1
23) Atrazine	16.470	200	383	0.141	ng	# 1
24) Pentachlorophenol	16.676	266	104	0.185	ng	# 61
25) Phenanthrene	17.042	178	124669	0.350	ng	# 96
26) Anthracene	17.139	178	15413	0.090	ng	# 82
28) Fluoranthene	19.068	202	164000	0.393	ng	99
30) Pyrene	19.430	202	146430	0.385	ng	96
32) Benzo(a)anthracene	21.174	228	63930	0.260	ng	# 78
33) Chrysene	21.227	228	67629	0.216	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.131	149	333130	2.750	ng	99
36) Indeno(1,2,3-cd)pyrene	25.692	276	35764	0.158	ng	96
37) Benzo(b)fluoranthene	22.758	252	77852	0.259	ng	# 1
39) Benzo(a)pyrene	23.327	252	48839	0.186	ng	# 1
40) Dibenzo(a,h)anthracene	25.706	278	15389	0.095	ng	# 1
41) Benzo(g,h,i)perylene	26.383	276	37969	0.168	ng	# 57

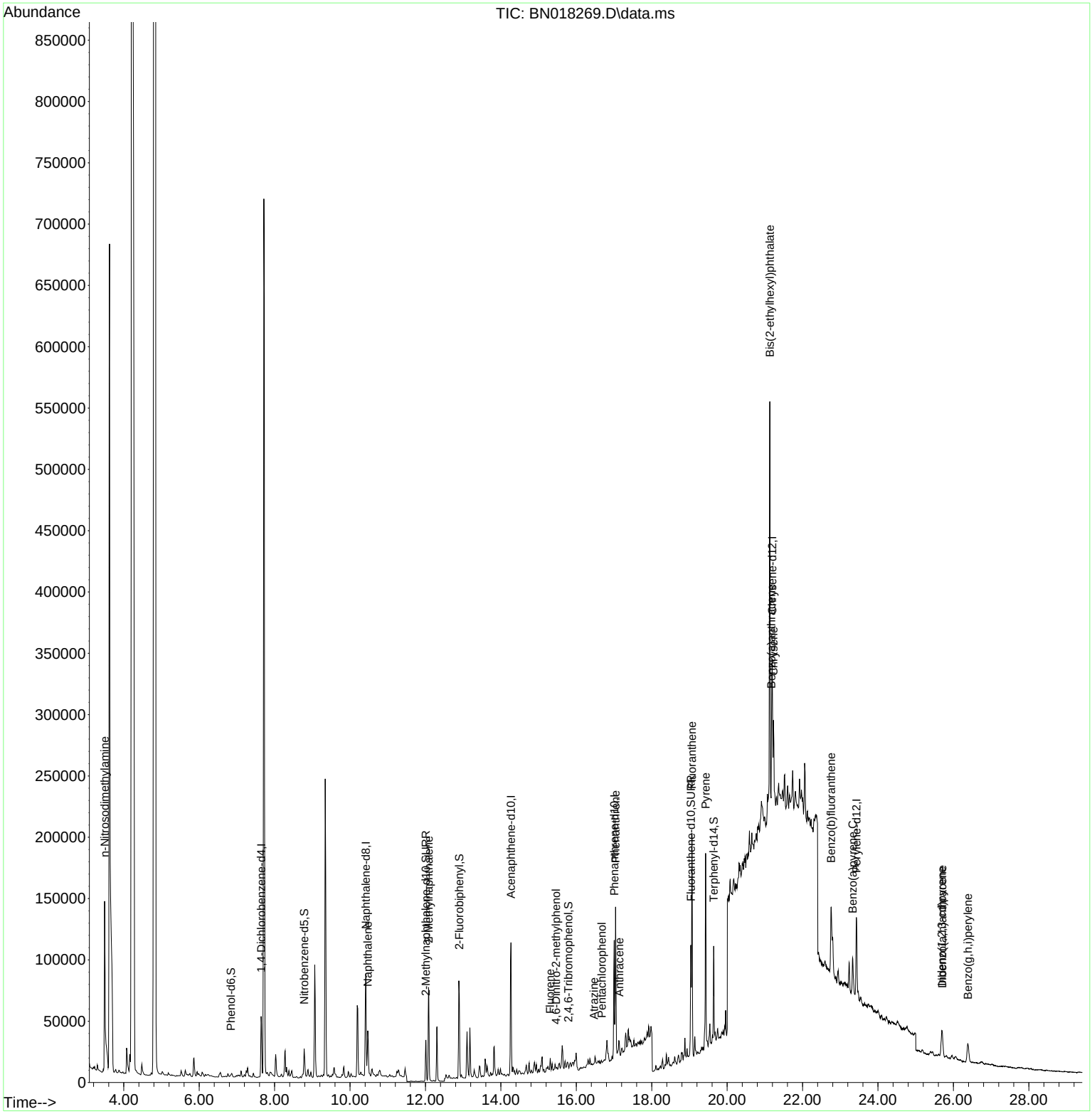
(#) = qualifier out of range (m) = manual integration (+) = signals summed

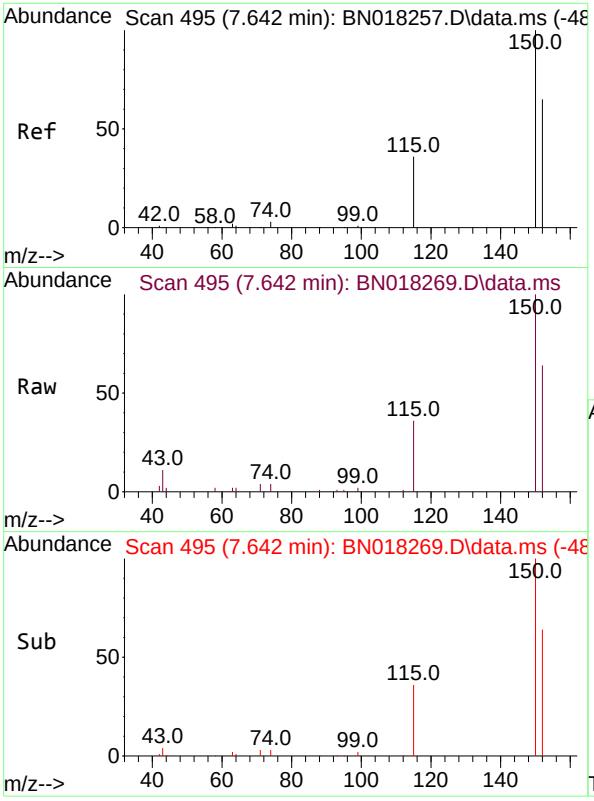
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018269.D
Acq On : 29 Dec 2021 20:01
Operator : CG/JU
Sample : M5107-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Quant Time: Dec 30 02:23:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



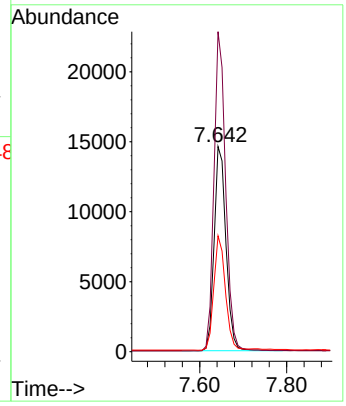


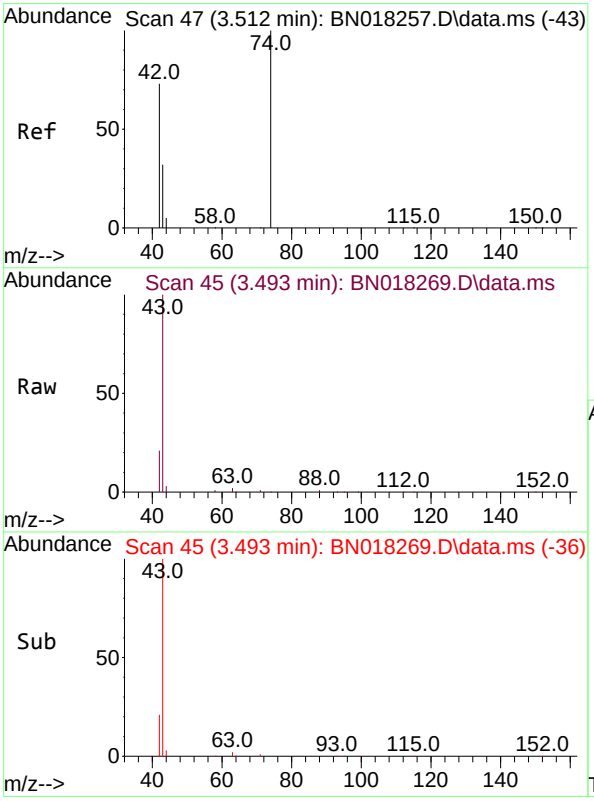
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:152 Resp: 27581

Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.7	182.5
115	56.5	43.8	65.8

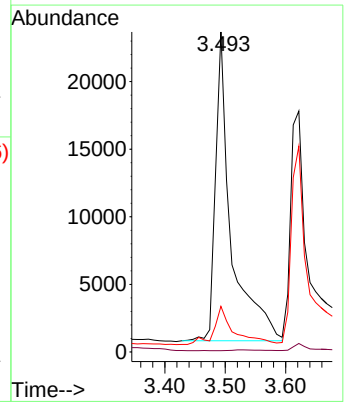


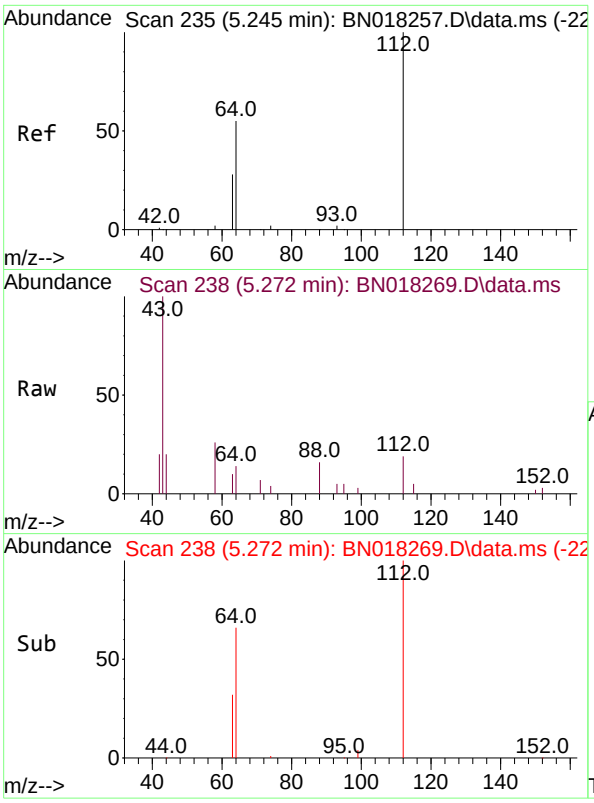


#3
n-Nitrosodimethylamine
Concen: 1.818 ng
RT: 3.493 min Scan# 45
Delta R.T. -0.019 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion: 42 Resp: 41184

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	15.6	5.8	8.8#



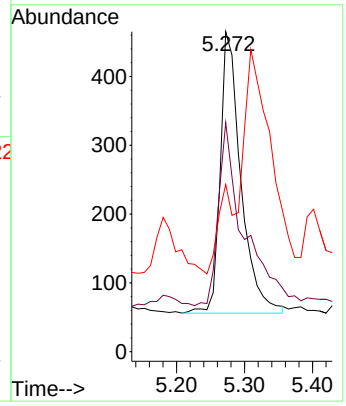


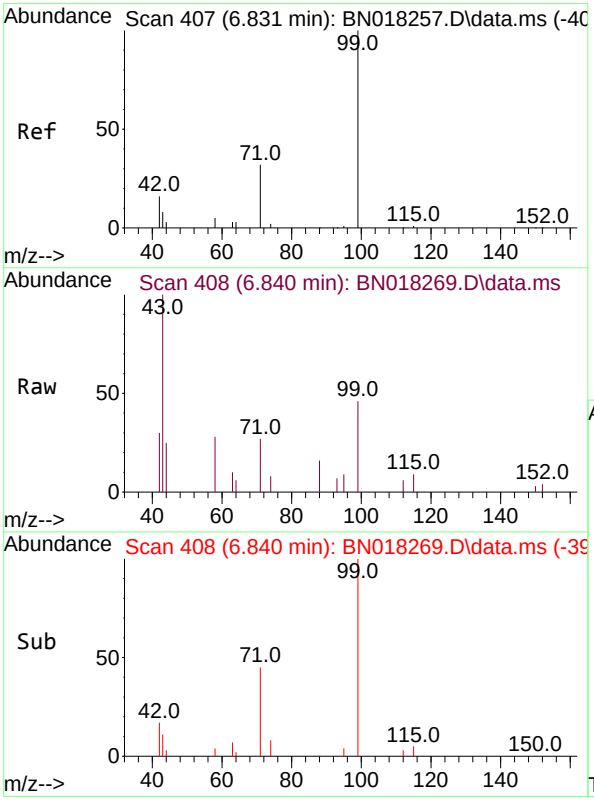
#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.272 min Scan# 2
Delta R.T. 0.027 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:112 Resp: 860

Ion	Ratio	Lower	Upper
112	100		
64	78.7	48.0	72.0#
63	0.0	25.3	37.9#

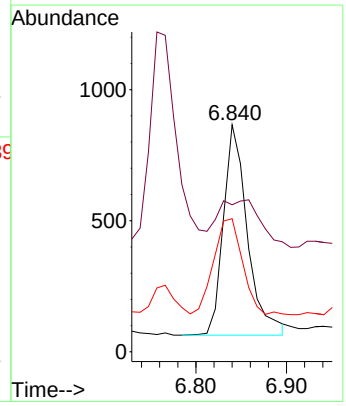


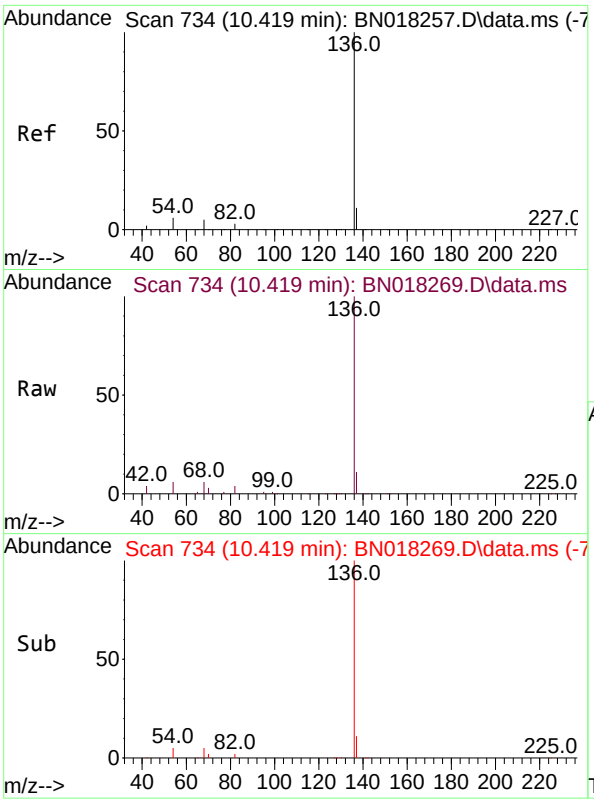


#5
Phenol-d6
Concen: 0.028 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion: 99 Resp: 1473

Ion	Ratio	Lower	Upper
99	100		
42	32.0	16.3	24.5#
71	53.8	26.8	40.2#



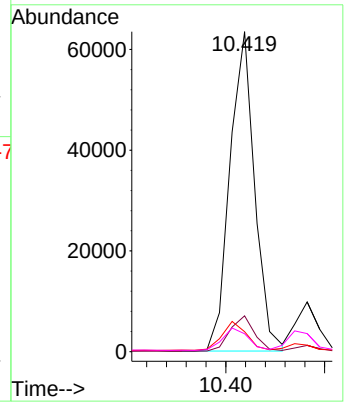


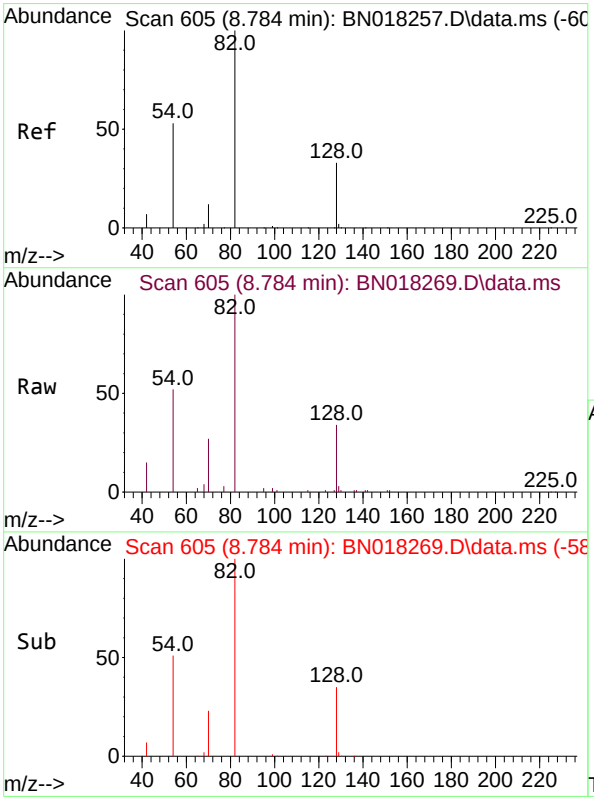
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:136 Resp: 110573

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.3	5.0	7.6
68	5.6	4.4	6.6

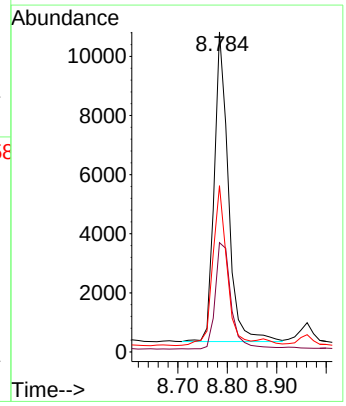


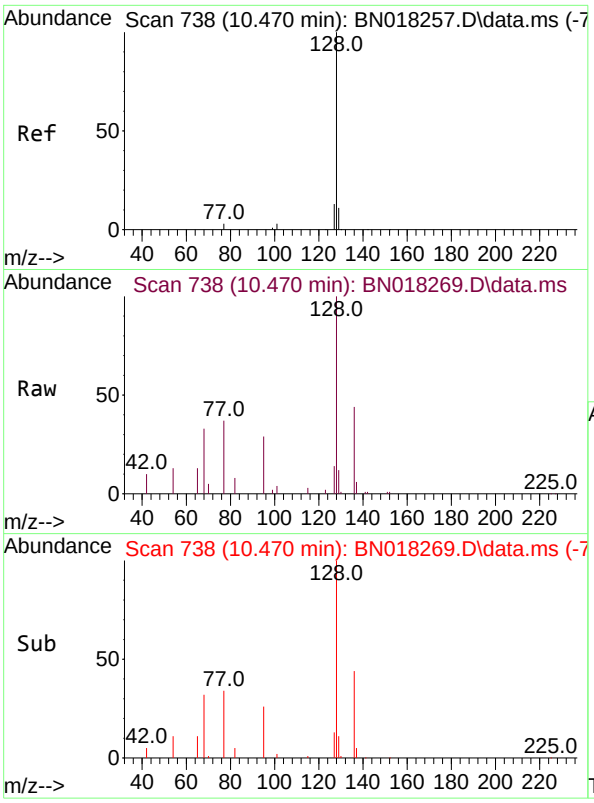


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion: 82 Resp: 20799

Ion	Ratio	Lower	Upper
82	100		
128	34.2	33.7	50.5
54	51.9	36.6	55.0



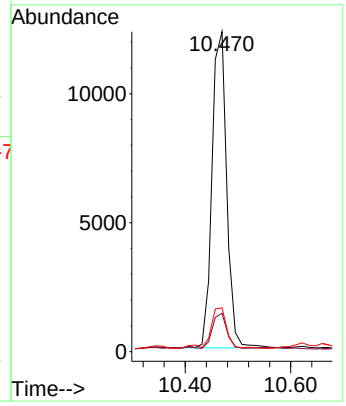


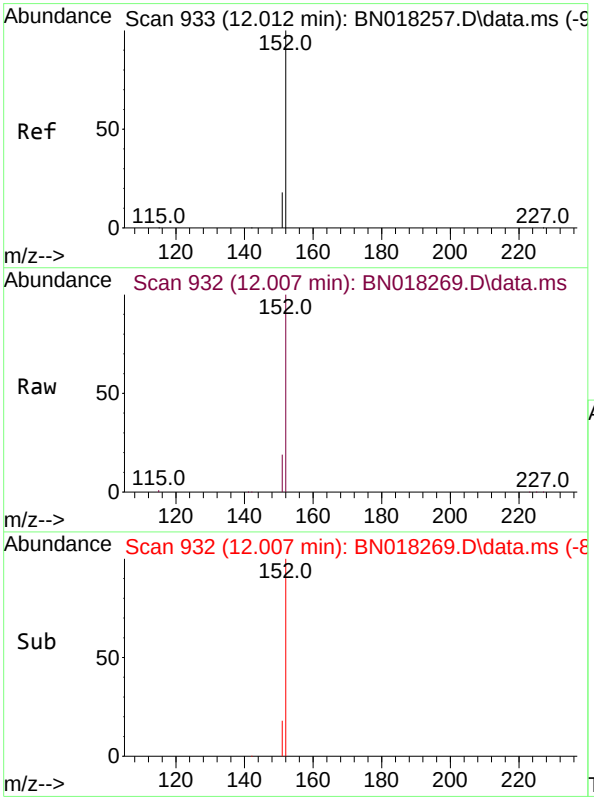
#9
Naphthalene
Concen: 0.086 ng
RT: 10.470 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:128 Resp: 23651

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.7	13.1
127	13.7	10.4	15.6

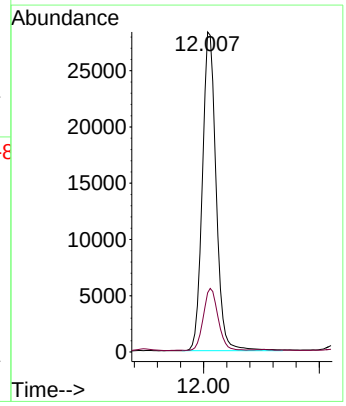


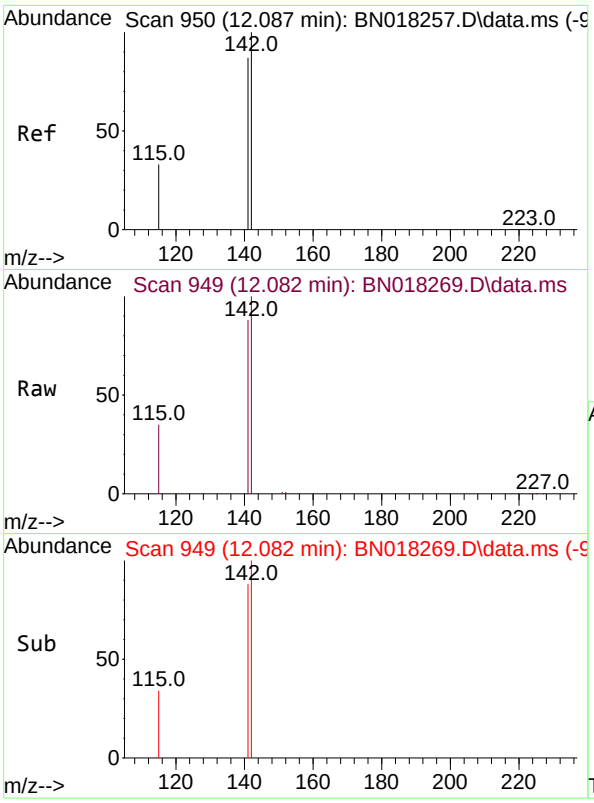


#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.005 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:152 Resp: 46788

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2



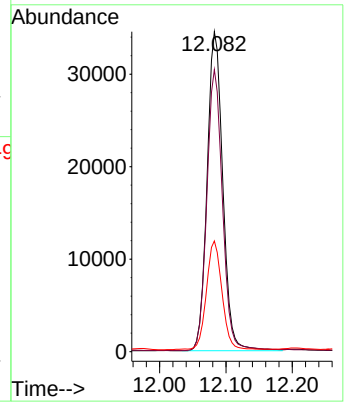


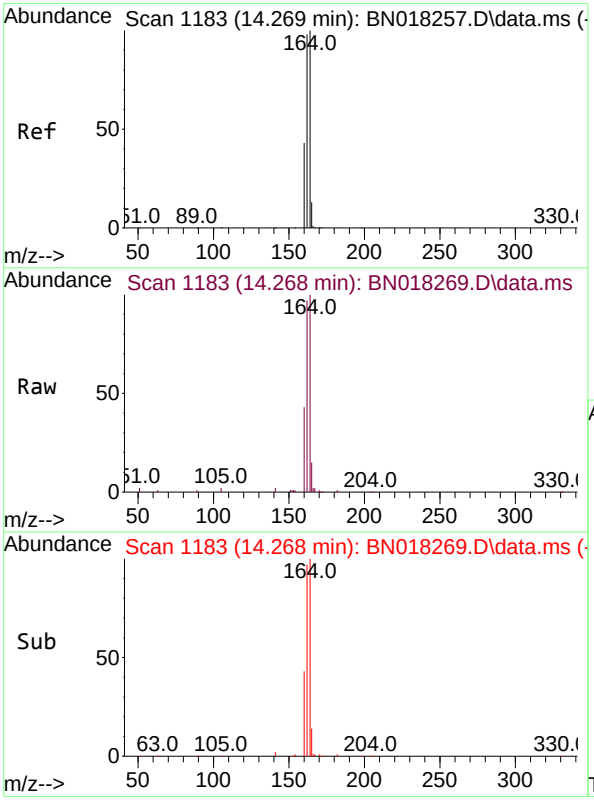
#12
2-Methylnaphthalene
Concen: 0.324 ng
RT: 12.082 min Scan# 94
Delta R.T. -0.005 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:142 Resp: 56804

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	34.6	27.8	41.8

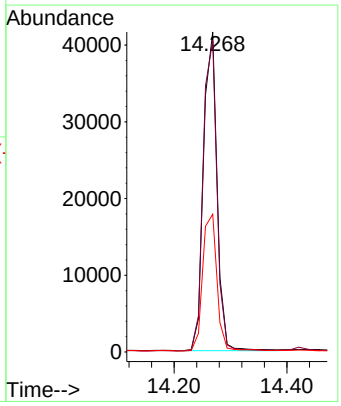


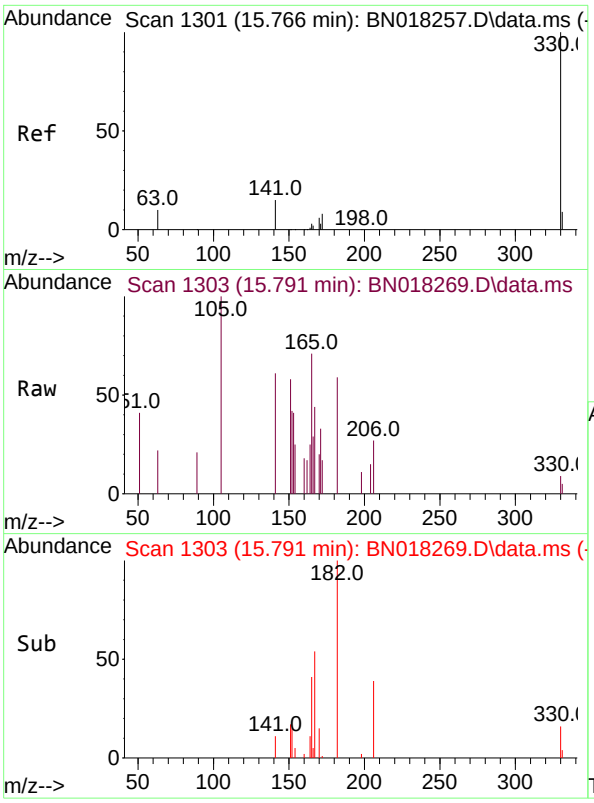


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.001 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:164 Resp: 69103

Ion	Ratio	Lower	Upper
164	100		
162	97.3	80.2	120.2
160	43.0	36.9	55.3



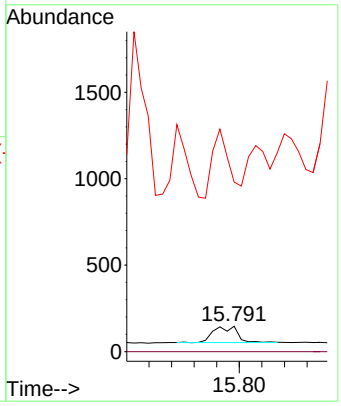


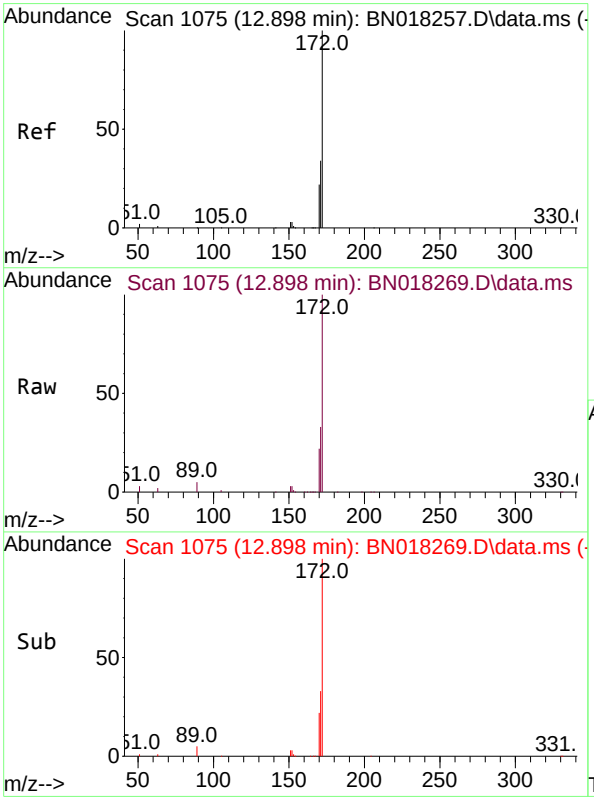
#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.791 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:330 Resp: 282

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

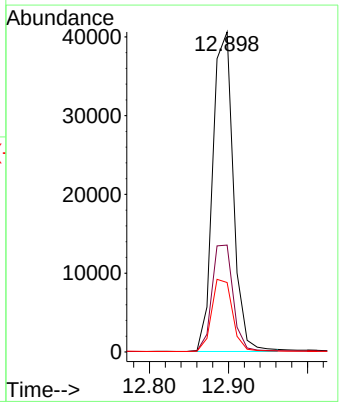


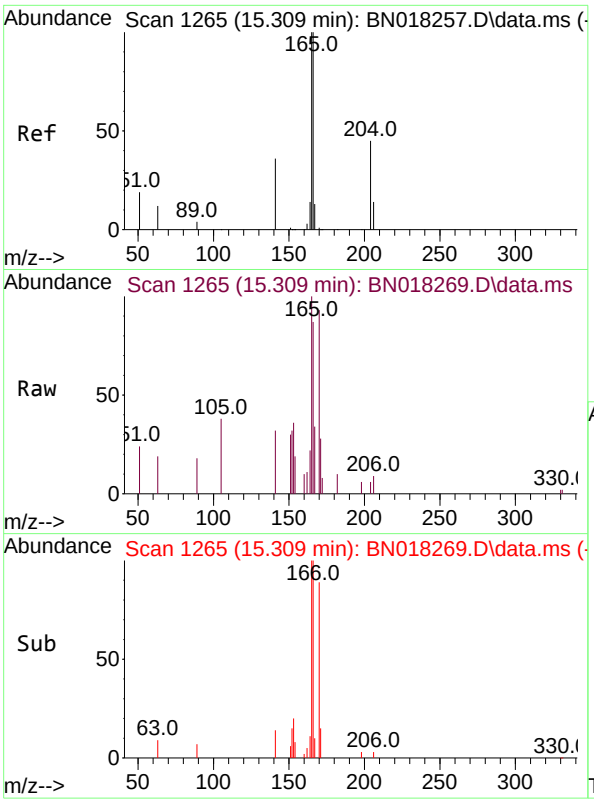


#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:172 Resp: 73138

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.4	41.0
170	21.7	18.4	27.6



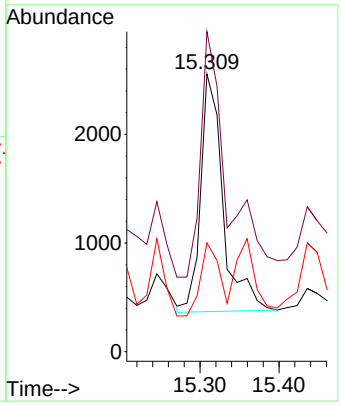


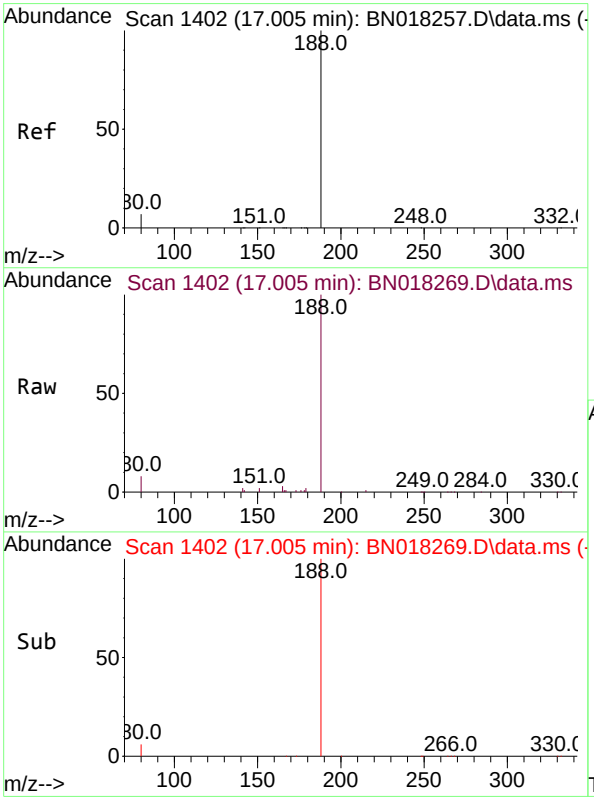
#18
Fluorene
Concen: 0.020 ng
RT: 15.309 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:166 Resp: 4297

Ion	Ratio	Lower	Upper
166	100		
165	123.4	77.8	116.6#
167	26.3	10.9	16.3#

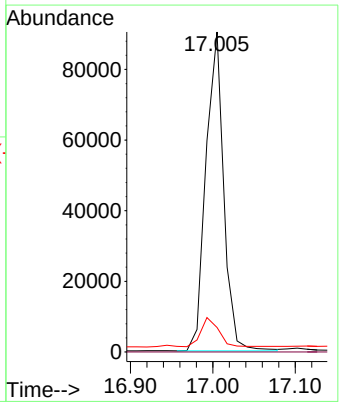


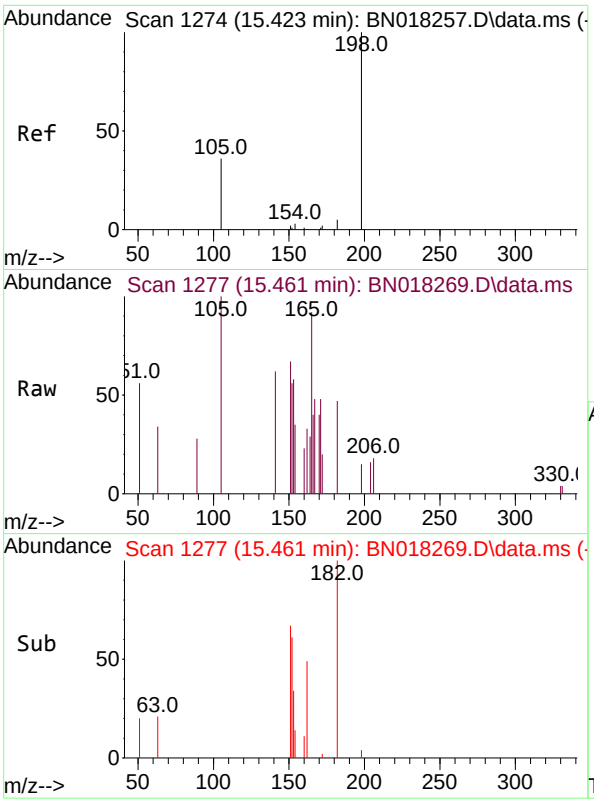


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:188 Resp: 135049

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



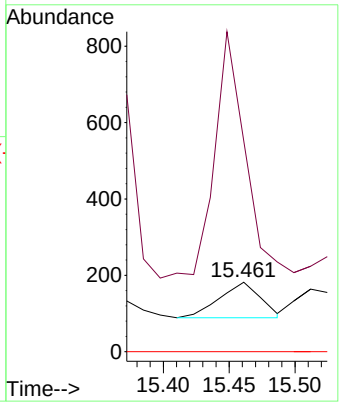


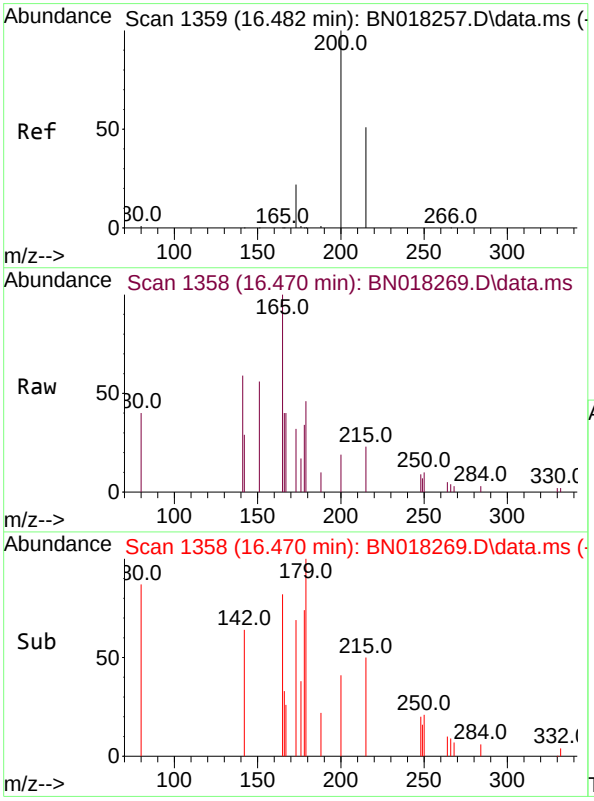
#20
4,6-Dinitro-2-methylphenol
Concen: 0.276 ng
RT: 15.461 min Scan# 1
Delta R.T. 0.038 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:198 Resp: 202

Ion	Ratio	Lower	Upper
198	100		
182	303.3	15.5	23.3#
77	0.0	0.0	0.0

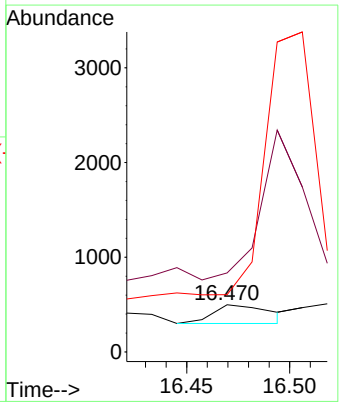


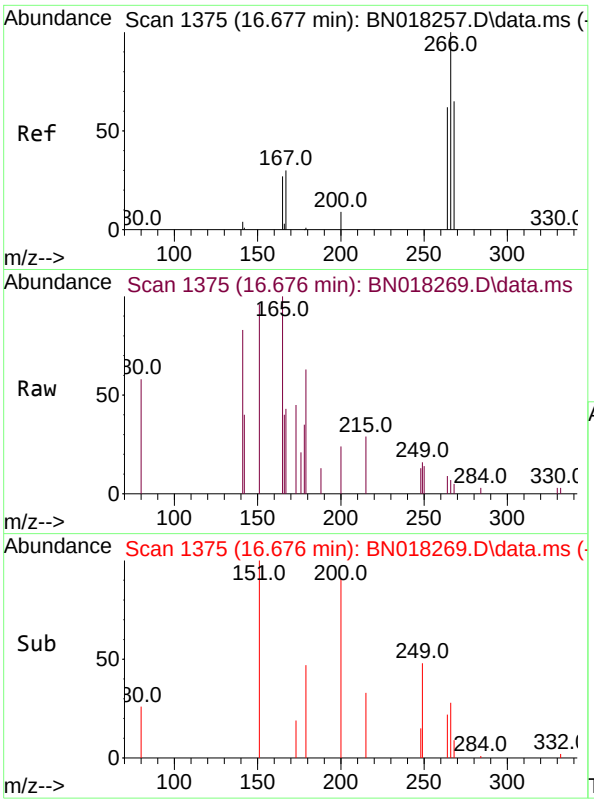


#23
Atrazine
Concen: 0.141 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.012 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:200 Resp: 383

Ion	Ratio	Lower	Upper
200	100		
173	167.3	20.3	30.5#
215	121.2	40.4	60.6#



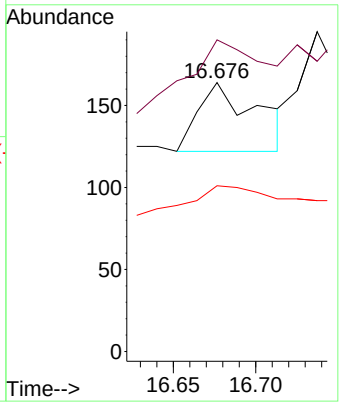


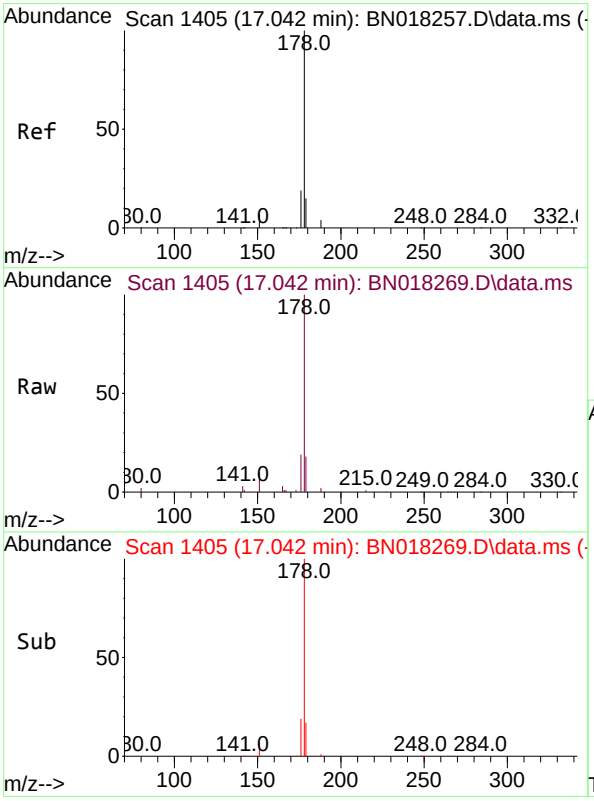
#24
Pentachlorophenol
Concen: 0.185 ng
RT: 16.676 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:266 Resp: 104

Ion	Ratio	Lower	Upper
266	100		
264	121.2	49.5	74.3#
268	62.5	50.6	76.0

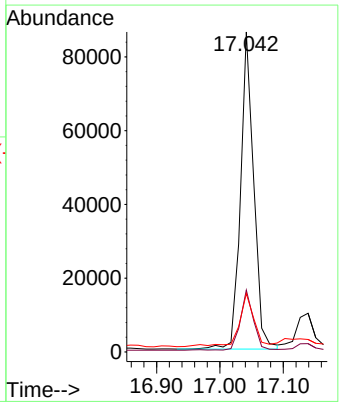


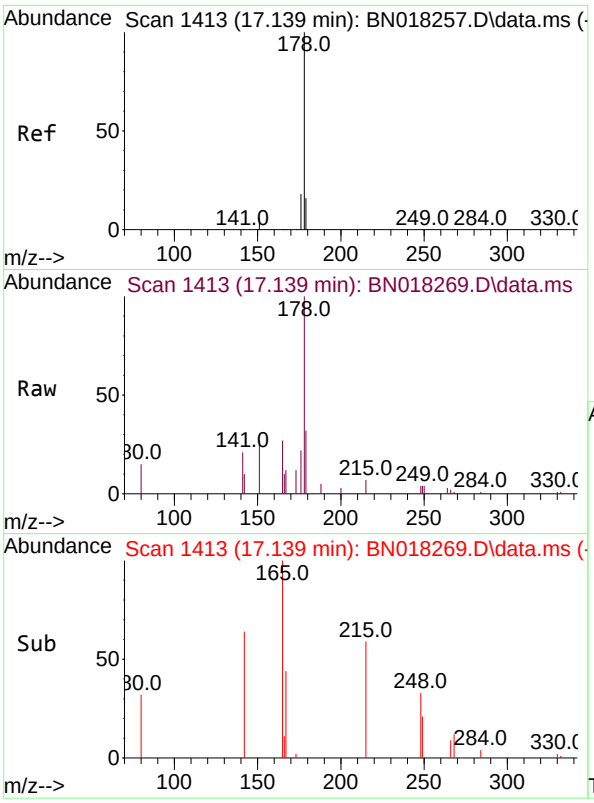


#25
Phenanthrene
Concen: 0.350 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:178 Resp: 124669

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	18.8	12.3	18.5#



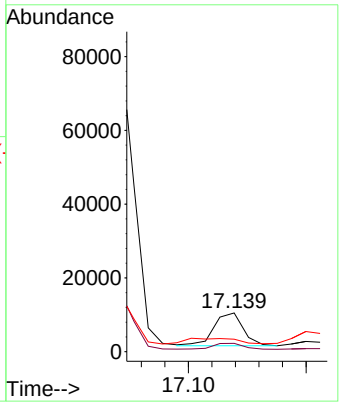


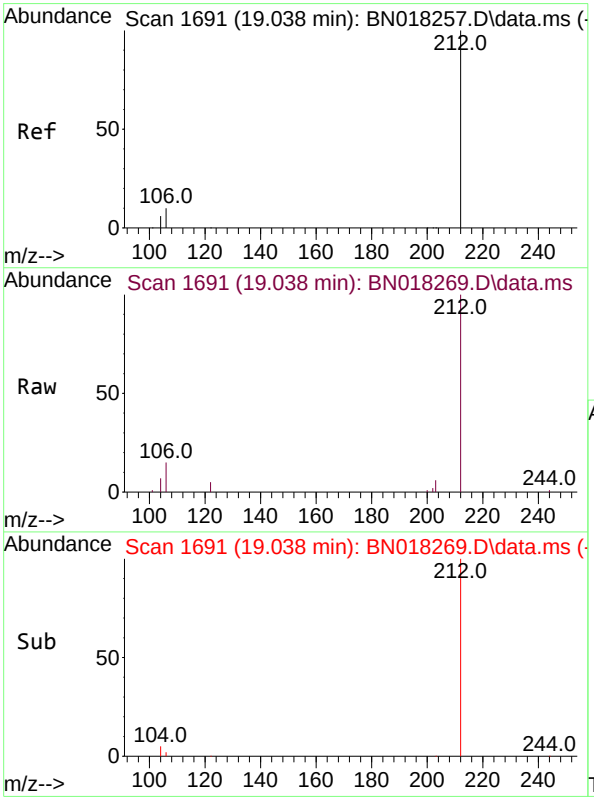
#26
Anthracene
Concen: 0.090 ng
RT: 17.139 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:178 Resp: 15413

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.8	22.2
179	0.0	12.2	18.4#

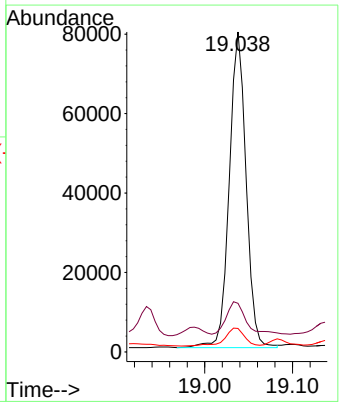


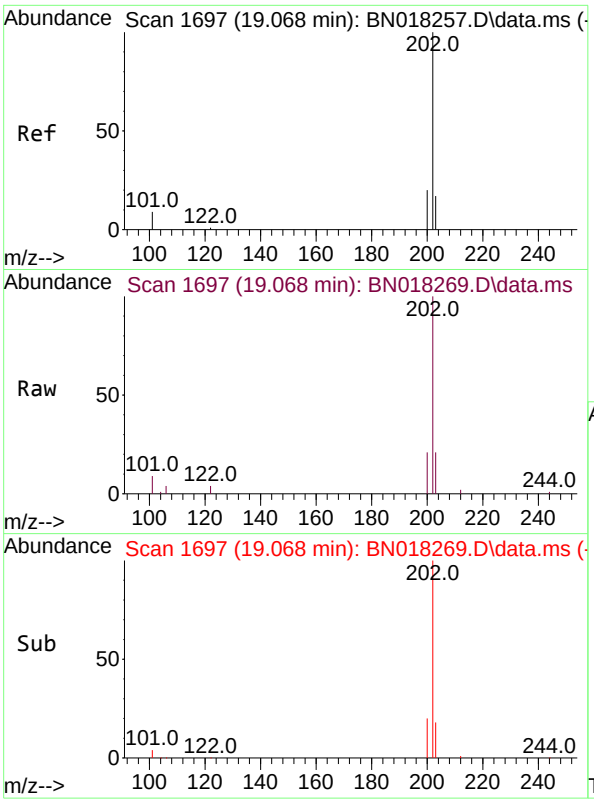


#27
Fluoranthene-d10
Concen: 0.245 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:212 Resp: 105461

Ion	Ratio	Lower	Upper
212	100		
106	12.0	8.4	12.6
104	6.7	4.5	6.7



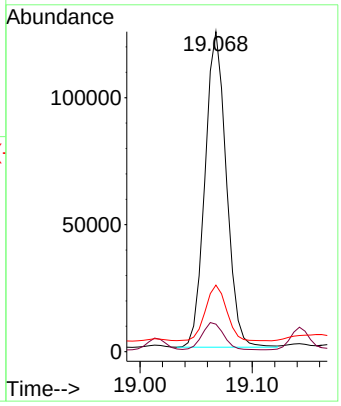


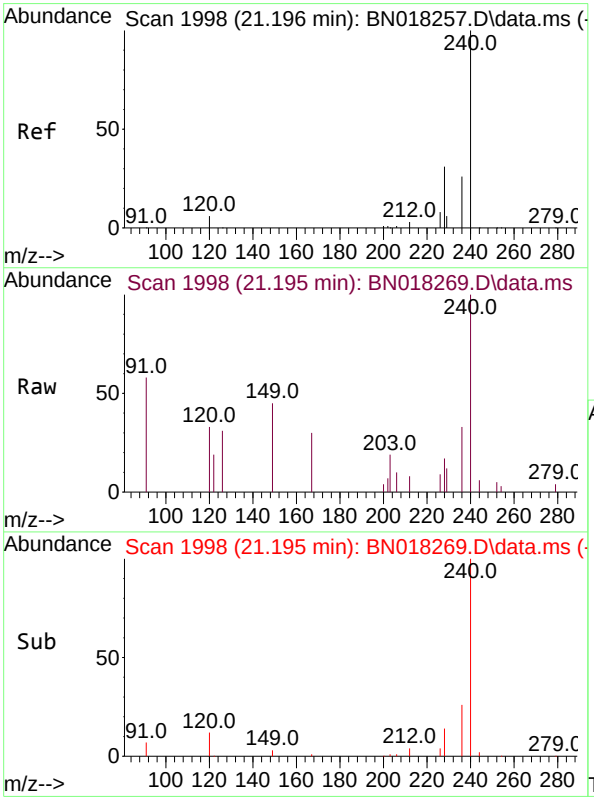
#28
Fluoranthene
Concen: 0.393 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:202 Resp: 164000

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.2	10.8
203	17.5	13.7	20.5

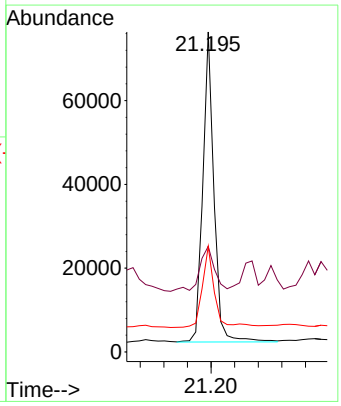


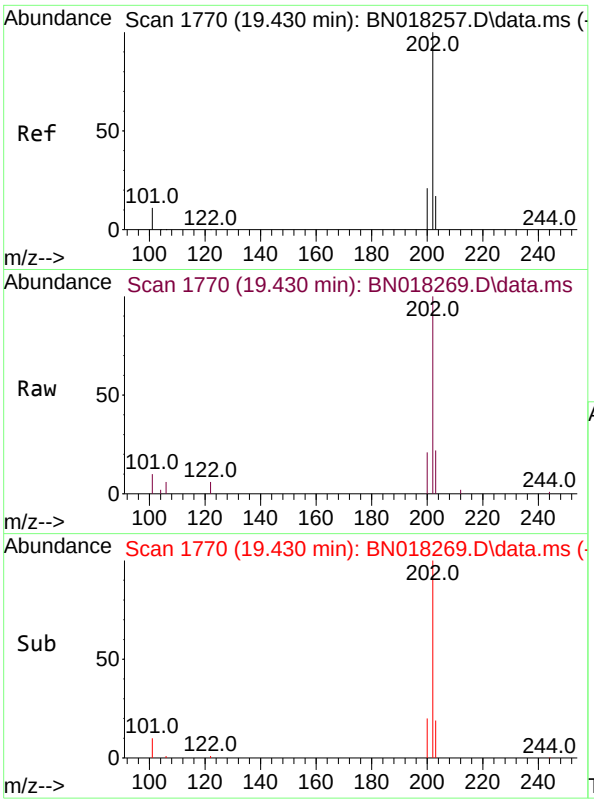


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:240 Resp: 97051

Ion	Ratio	Lower	Upper
240	100		
120	33.0	6.0	9.0#
236	33.0	21.4	32.2#



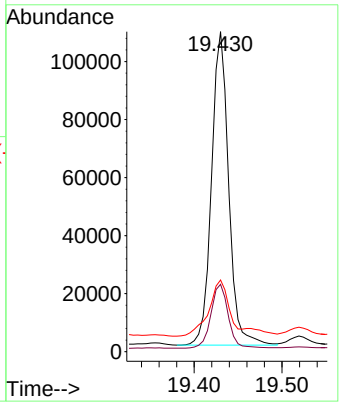


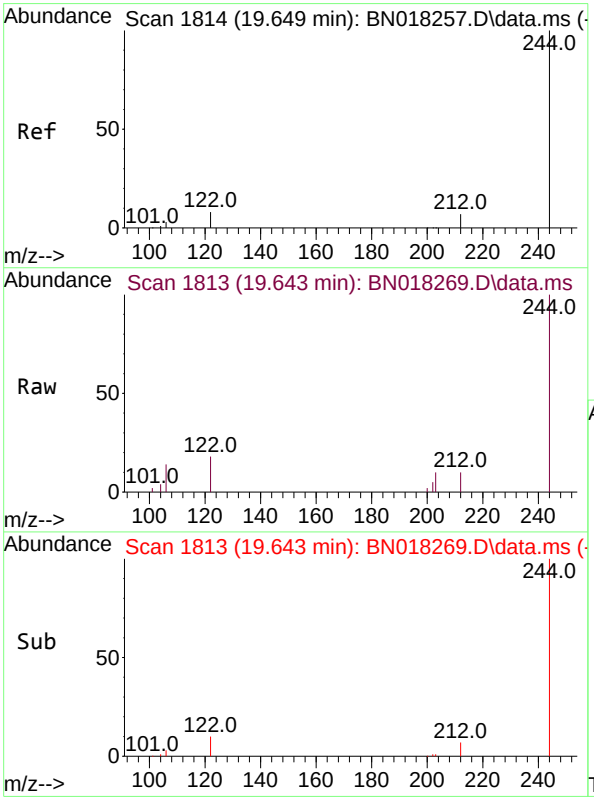
#30
Pyrene
Concen: 0.385 ng
RT: 19.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:202 Resp: 146430

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	21.0	14.1	21.1

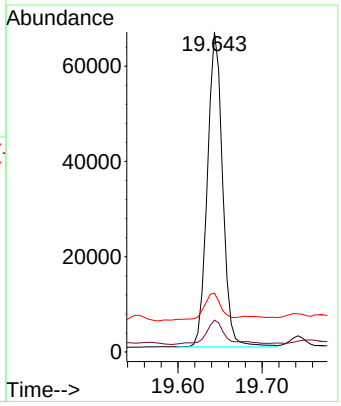


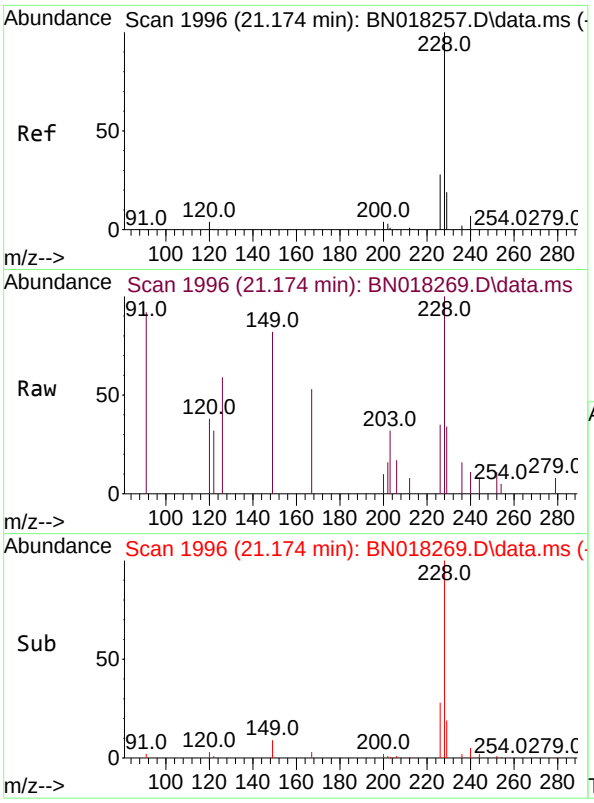


#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.643 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:244 Resp: 83229

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.2	9.2#
122	18.3	7.9	11.9#



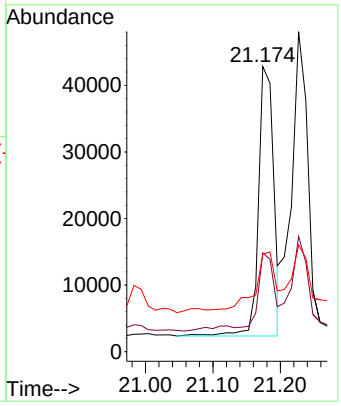


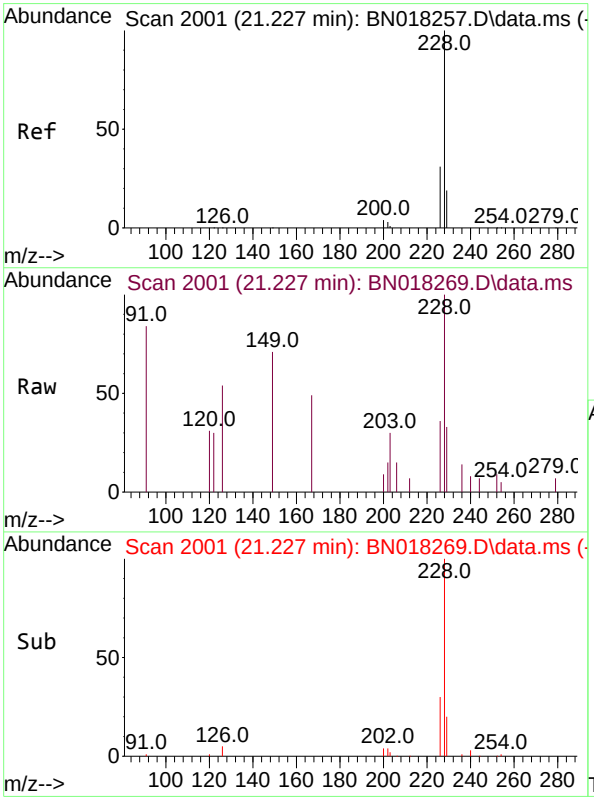
#32
Benzo(a)anthracene
Concen: 0.260 ng
RT: 21.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:228 Resp: 63930

Ion	Ratio	Lower	Upper
228	100		
226	34.6	21.3	31.9#
229	34.3	15.9	23.9#

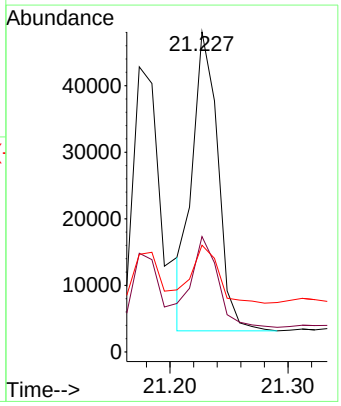


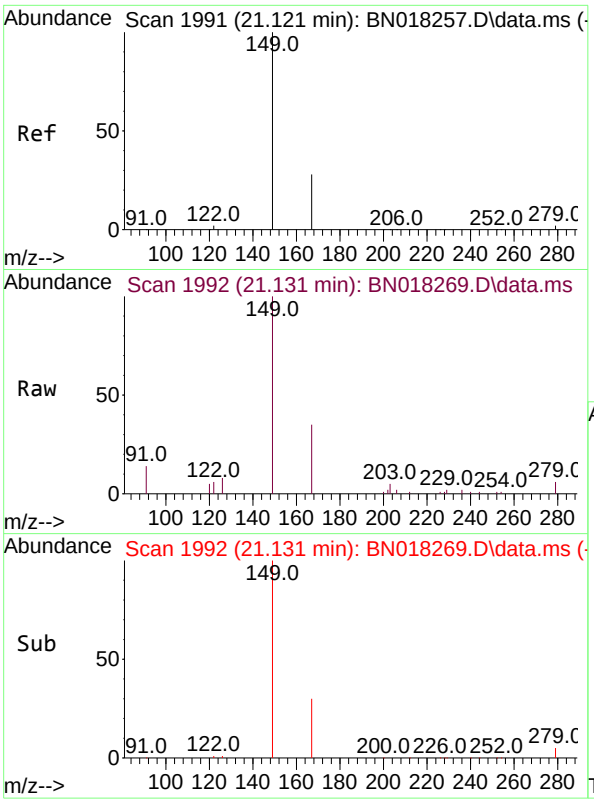


#33
Chrysene
Concen: 0.216 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:228 Resp: 67629

Ion	Ratio	Lower	Upper
228	100		
226	36.0	24.2	36.4
229	33.4	15.5	23.3#



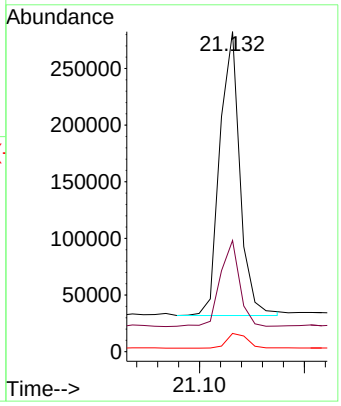


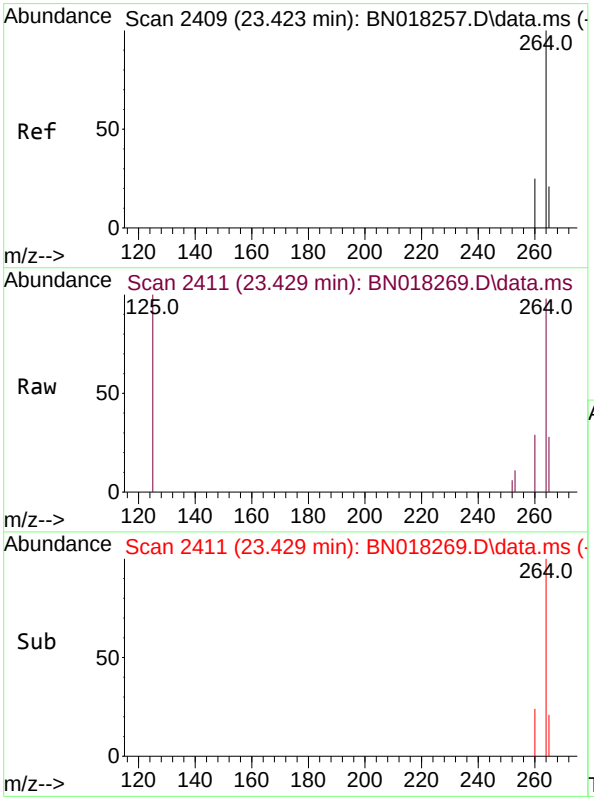
#34
Bis(2-ethylhexyl)phthalate
Concen: 2.750 ng
RT: 21.131 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:149 Resp: 333130

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	5.4	3.6	5.4

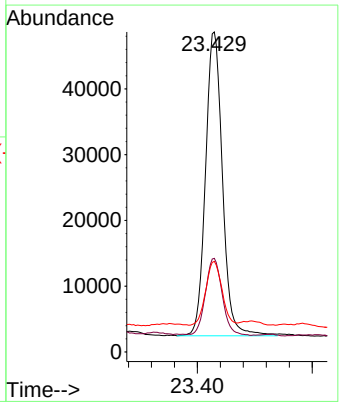


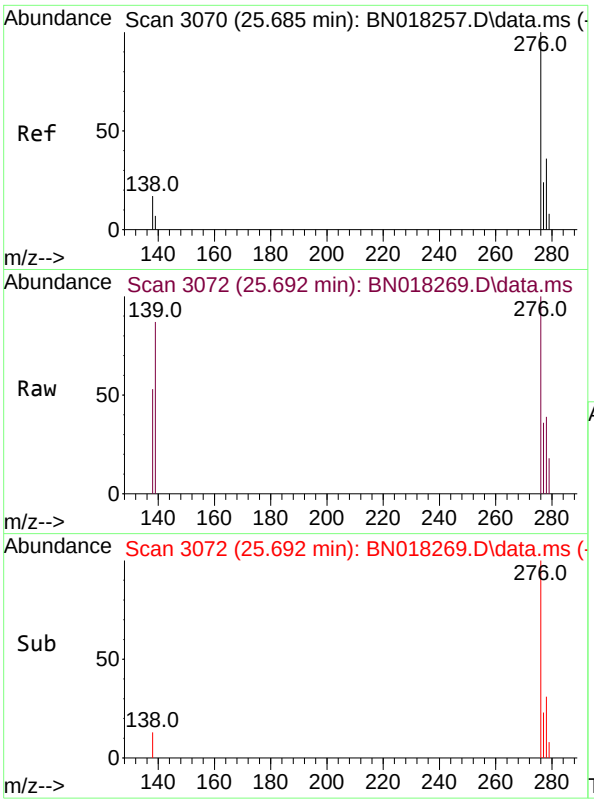


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.429 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:264 Resp: 94741

Ion	Ratio	Lower	Upper
264	100		
260	29.2	20.2	30.4
265	28.3	18.2	27.2#



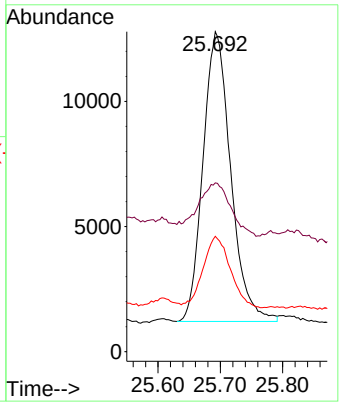


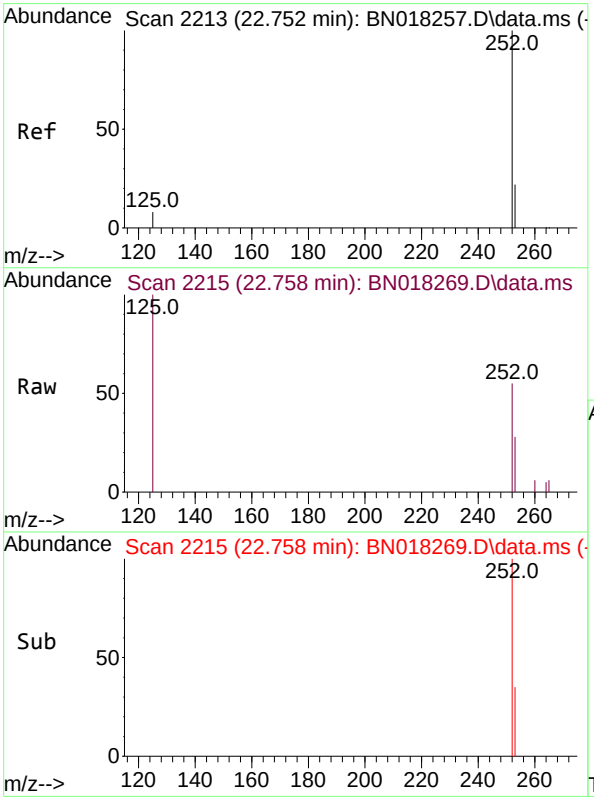
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng
RT: 25.692 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:276 Resp: 35764

Ion	Ratio	Lower	Upper
276	100		
138	21.5	14.9	22.3
277	24.2	19.9	29.9

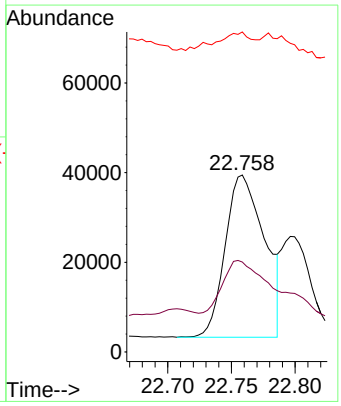


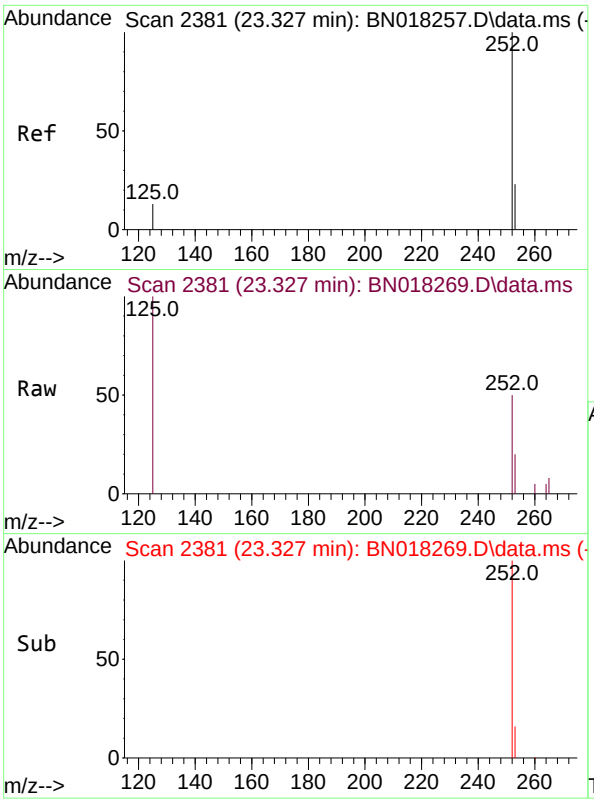


#37
Benzo(b)fluoranthene
Concen: 0.259 ng
RT: 22.758 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:252 Resp: 77852

Ion	Ratio	Lower	Upper
252	100		
253	50.8	17.8	26.6#
125	180.9	6.0	9.0#



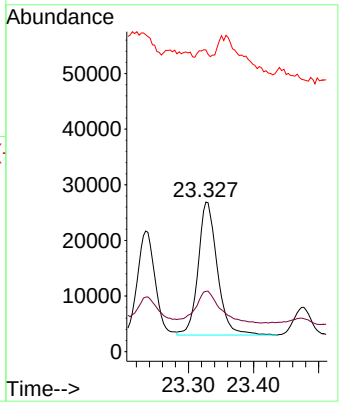


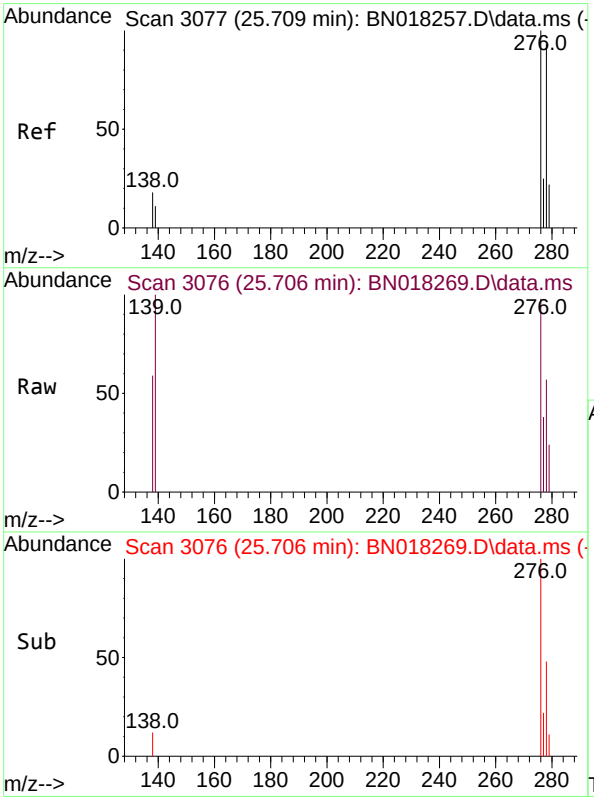
#39
Benzo(a)pyrene
Concen: 0.186 ng
RT: 23.327 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:252 Resp: 48839

Ion	Ratio	Lower	Upper
252	100		
253	40.3	17.8	26.6#
125	201.7	7.0	10.4#

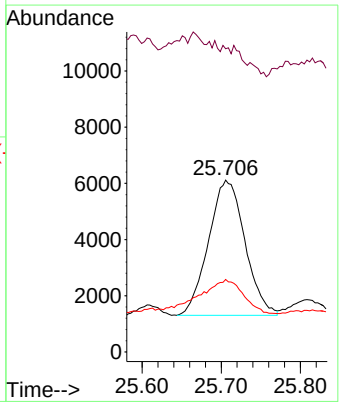


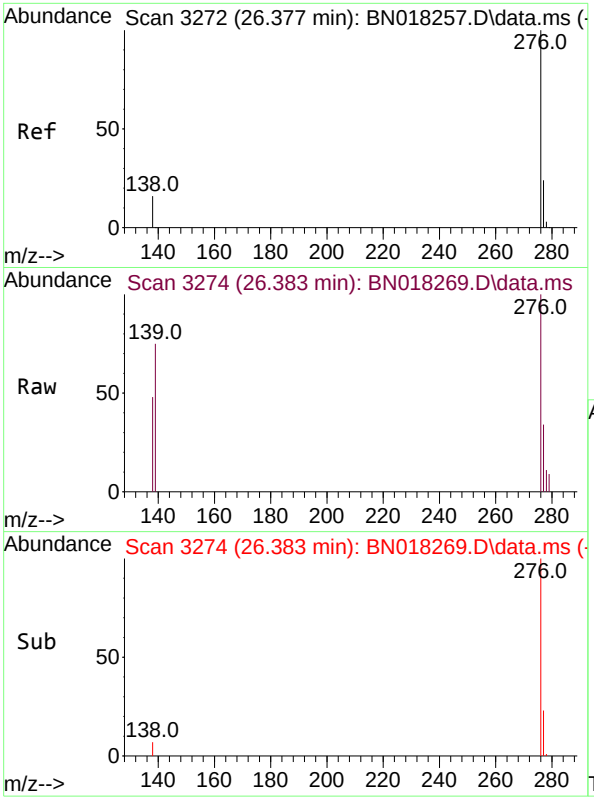


#40
Dibenzo(a,h)anthracene
Concen: 0.095 ng
RT: 25.706 min Scan# 3076
Delta R.T. -0.004 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Tgt Ion:278 Resp: 15389

Ion	Ratio	Lower	Upper
278	100		
139	176.5	10.8	16.2#
279	42.1	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.168 ng
RT: 26.383 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN018269.D
Acq: 29 Dec 2021 20:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-01

Tgt Ion:276 Resp: 37969

Ion	Ratio	Lower	Upper
276	100		
277	34.4	19.0	28.6#
138	47.5	12.6	19.0#