Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018285.D
Acq On : 30 Dec 2021 06:50
Operator : CG/JU
Sample : M5212-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-50

Quant Time: Dec 30 08:59:38 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	32274	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	129215	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	105280	0.400	ng	# 0.00
19) Phenanthrene-d10	17.005	188	168633	0.400	ng	0.00
29) Chrysene-d12	21.195	240	163838	0.400	ng	0.00
35) Perylene-d12	23.419	264	142565	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	11823	0.183	ng	0.02
5) Phenol-d6	6.840	99	4568	0.073	ng	0.00
8) Nitrobenzene-d5	8.784	82	32984	0.481	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	61141	0.281	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	18122	0.627	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	103328	0.259	ng	-0.01
27) Fluoranthene-d10	19.038	212	179134	0.334	ng	0.00
31) Terphenyl-d14	19.644	244	178409	0.429	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.043	93	3087	0.040	ng	# 1
9) Naphthalene	10.470	128	110269	0.345	ng	# 27
12) 2-Methylnaphthalene	12.083	142	43603	0.213	ng	# 89
16) Acenaphthylene	13.989	152	39868	0.108	ng	# 25
17) Acenaphthene	14.332	154	323384	1.189	ng	98
18) Fluorene	15.309	166	132268	0.413	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.461	198	2701	0.883	ng	# 1
23) Atrazine	16.482	200	1428	0.152	ng	# 1
24) Pentachlorophenol	16.664	266	371	0.201	ng	# 77
25) Phenanthrene	17.042	178	56115	0.126	ng	# 86
26) Anthracene	17.139	178	226667	0.594	ng	# 93
28) Fluoranthene	19.068	202	636434	1.222	ng	99
30) Pyrene	19.430	202	408424	0.636	ng	# 93
32) Benzo(a)anthracene	21.174	228	31578	0.116	ng	# 85
33) Chrysene	21.227	228	14675	0.028	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.121	149	22075	0.108	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
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Instrument :
BNA_N
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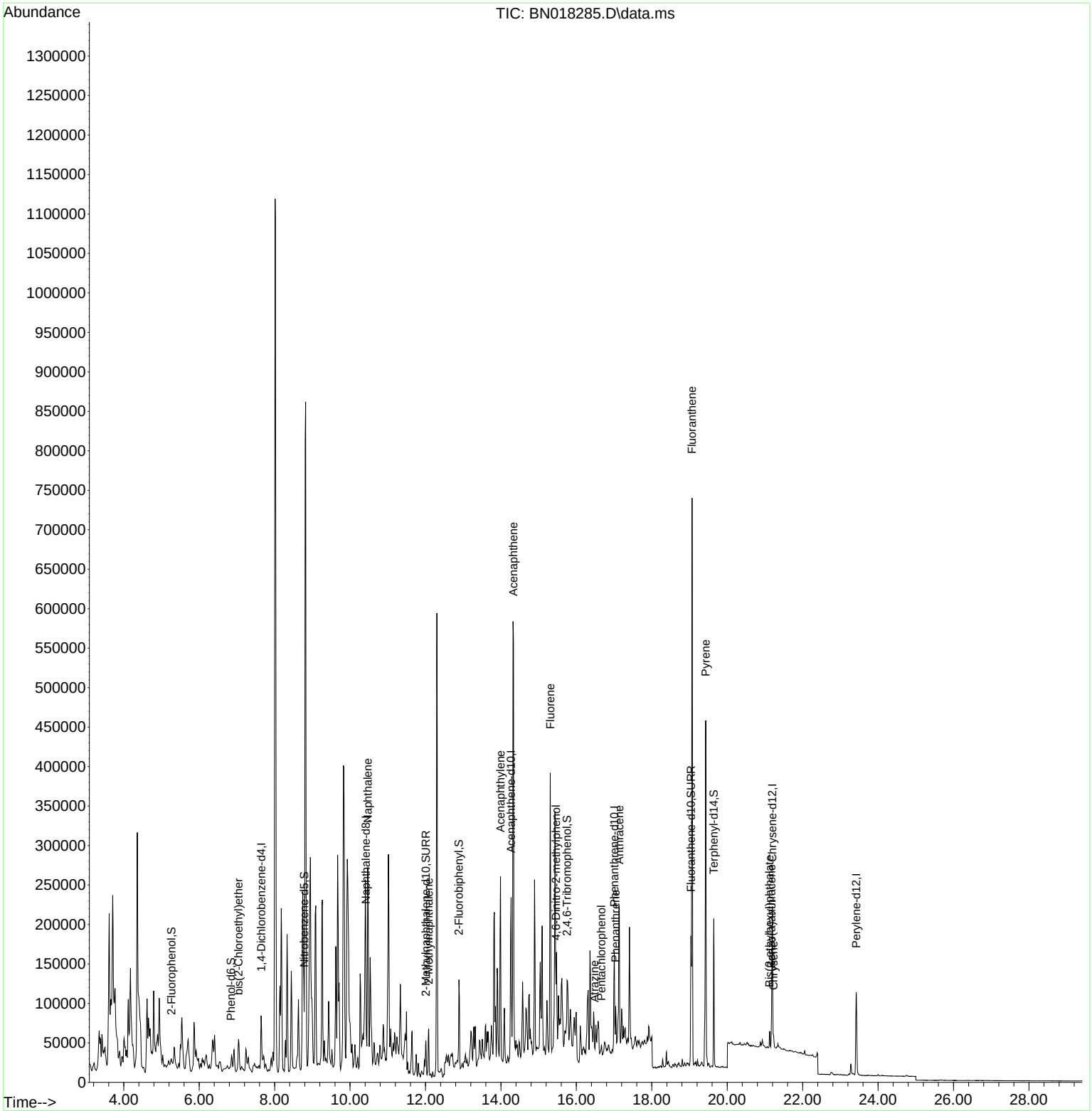
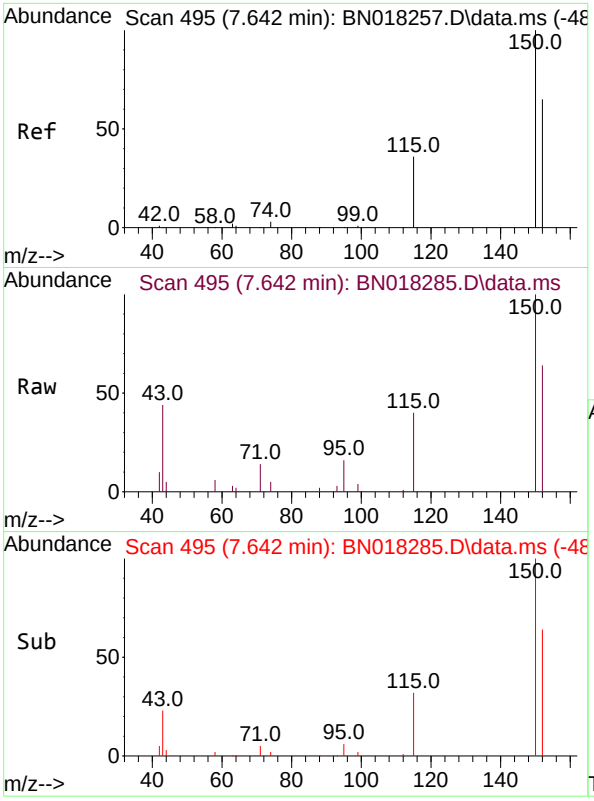
Quant Time: Dec 30 08:59:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



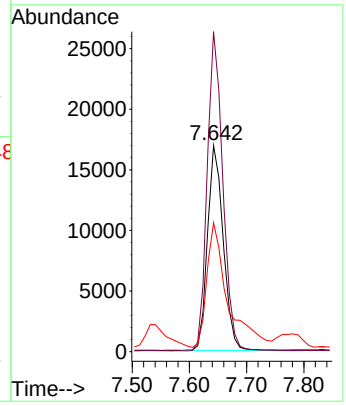


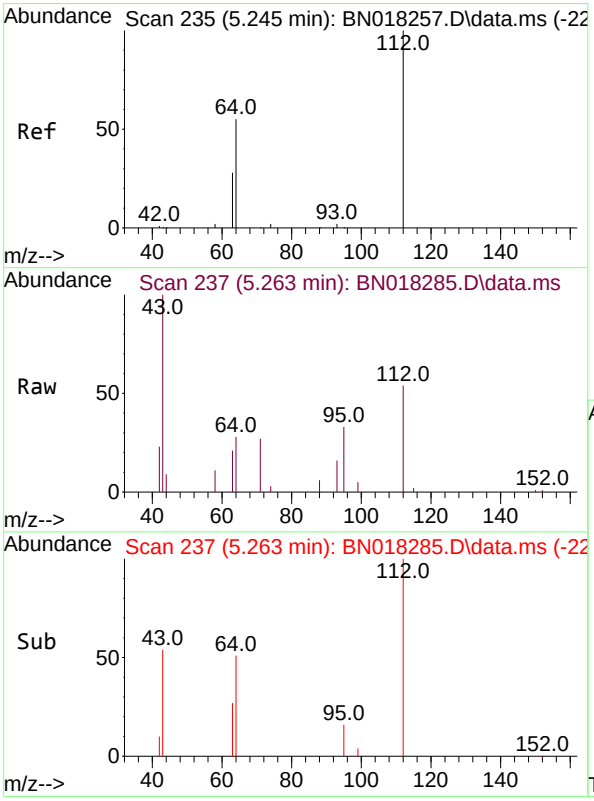
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:152 Resp: 32274

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.7	182.5
115	62.5	43.8	65.8

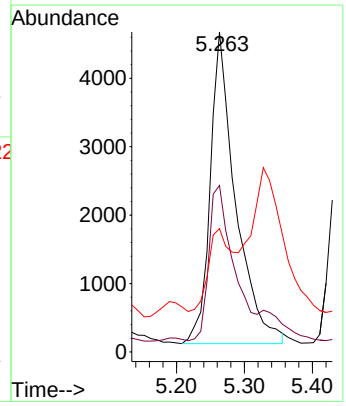


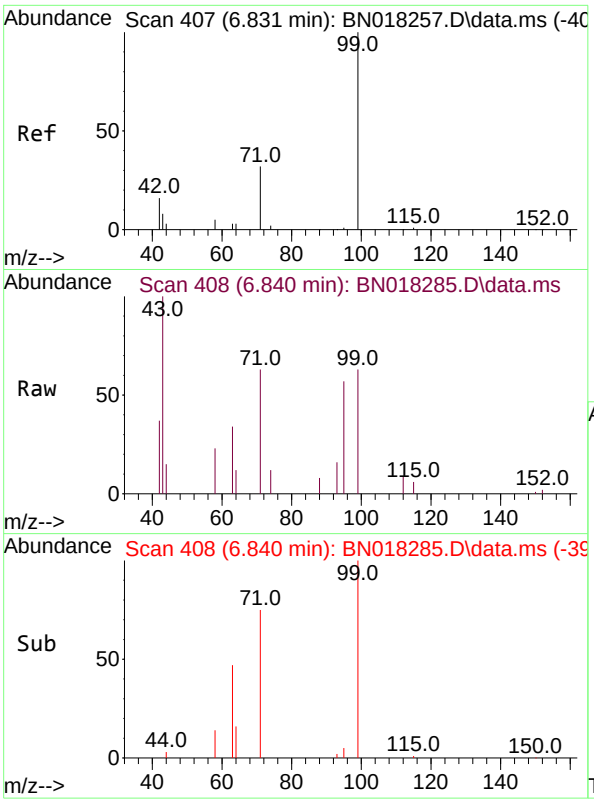


#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:112 Resp: 11823

Ion	Ratio	Lower	Upper
112	100		
64	49.3	48.0	72.0
63	26.6	25.3	37.9



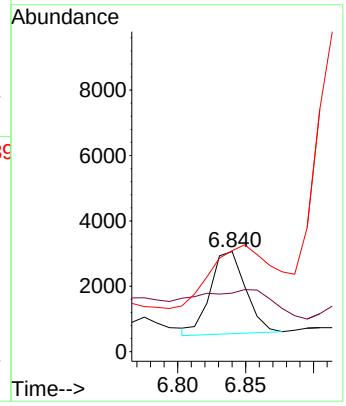


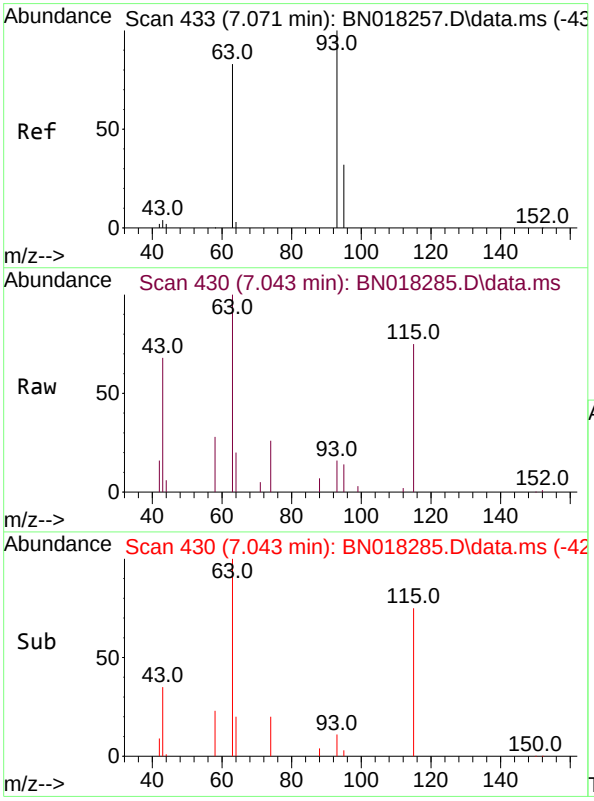
#5
Phenol-d6
Concen: 0.073 ng
RT: 6.840 min Scan# 40
Delta R.T. 0.009 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion: 99 Resp: 4568

Ion	Ratio	Lower	Upper
99	100		
42	78.5	16.3	24.5#
71	144.2	26.8	40.2#

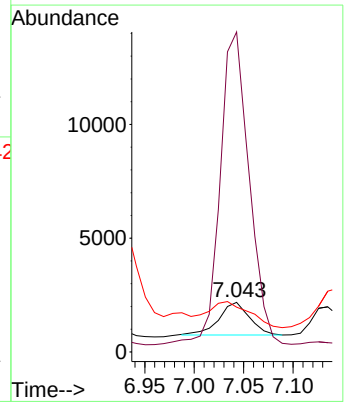


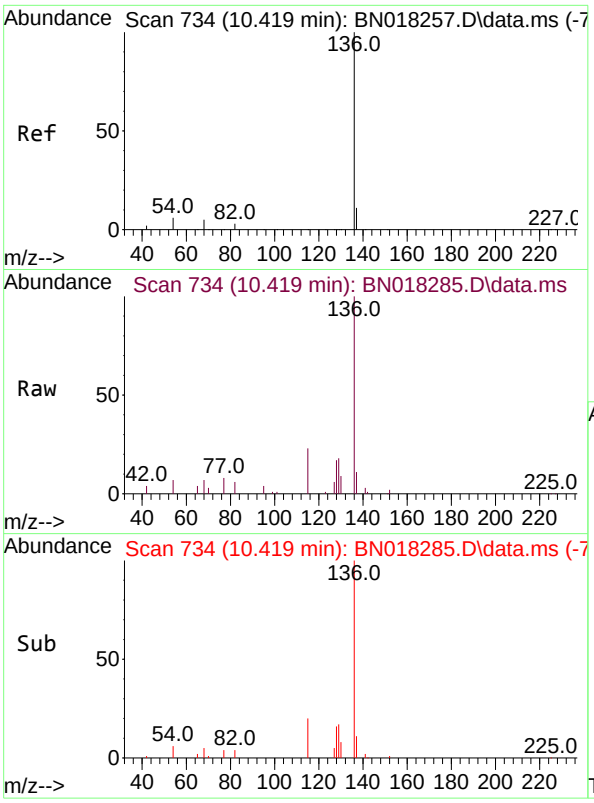


#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.043 min Scan# 430
Delta R.T. -0.028 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion: 93 Resp: 3087

Ion	Ratio	Lower	Upper
93	100		
63	901.4	61.7	92.5#
95	107.8	26.2	39.4#



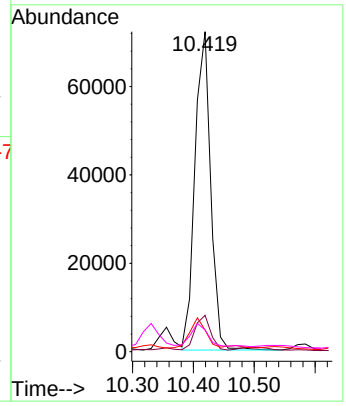


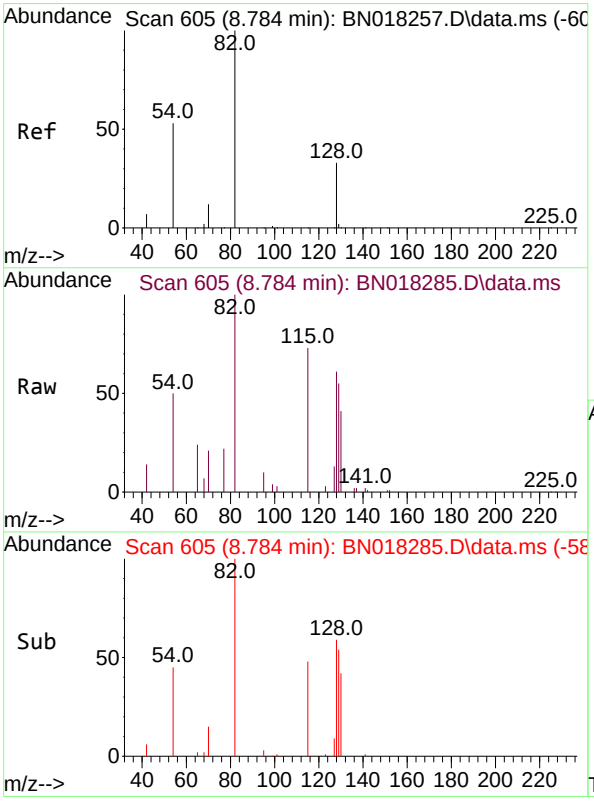
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:136 Resp: 129215

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.8	5.0	7.6
68	6.8	4.4	6.6#

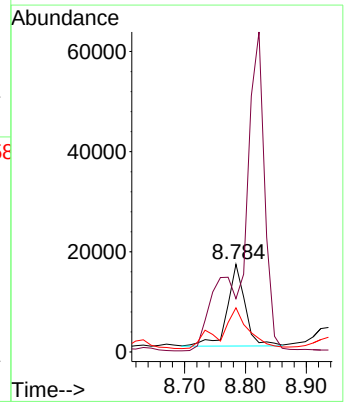


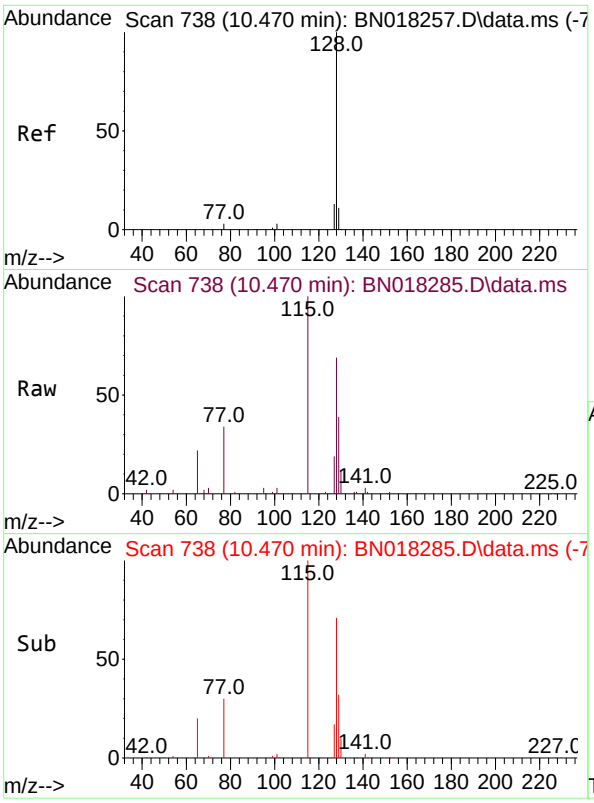


#8
Nitrobenzene-d5
Concen: 0.481 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion: 82 Resp: 32984

Ion	Ratio	Lower	Upper
82	100		
128	60.9	33.7	50.5#
54	50.4	36.6	55.0



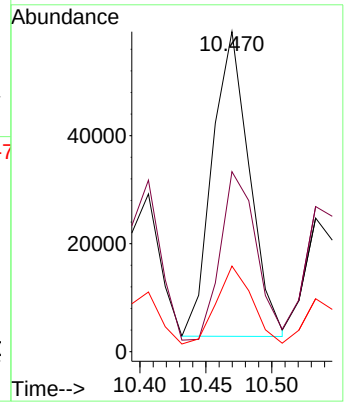


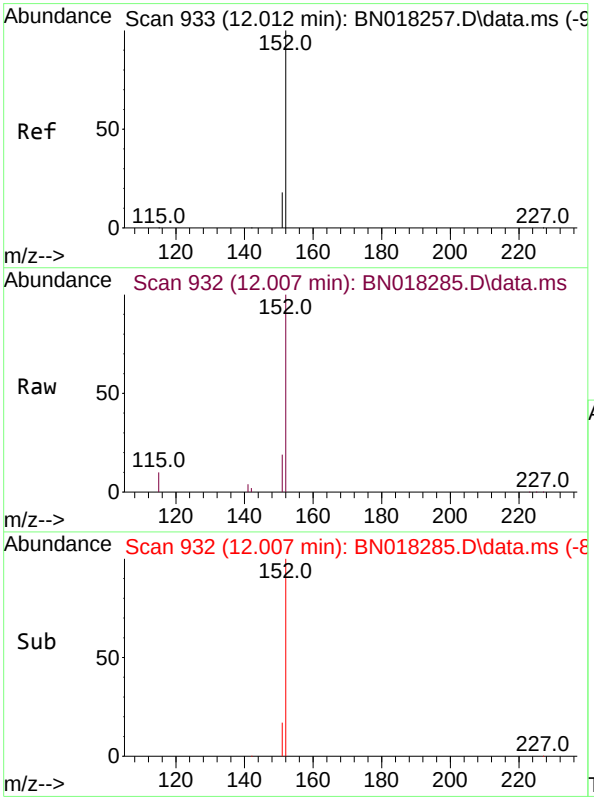
#9
Naphthalene
Concen: 0.345 ng
RT: 10.470 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:128 Resp: 110269

Ion	Ratio	Lower	Upper
128	100		
129	56.2	8.7	13.1#
127	26.8	10.4	15.6#

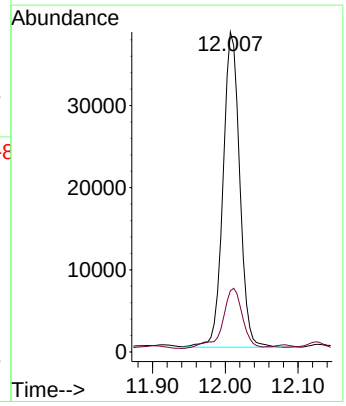


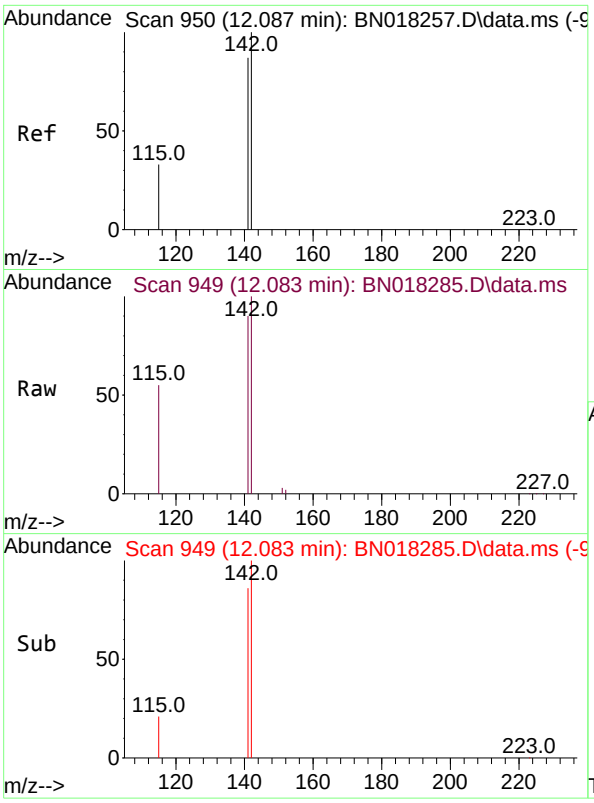


#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.005 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:152 Resp: 61141

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.2	24.2



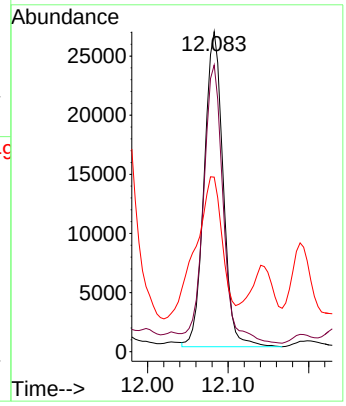


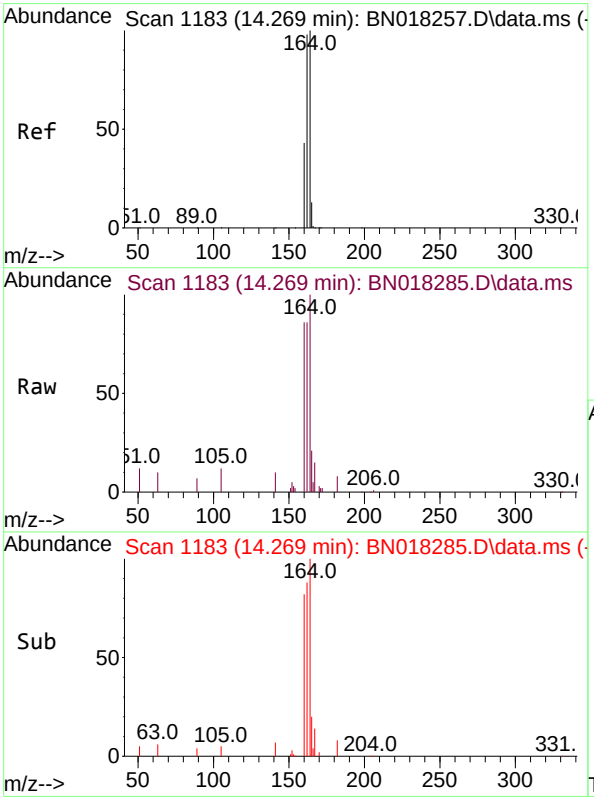
#12
2-Methylnaphthalene
Concen: 0.213 ng
RT: 12.083 min Scan# 94
Delta R.T. -0.005 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:142 Resp: 43603

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	54.5	27.8	41.8#

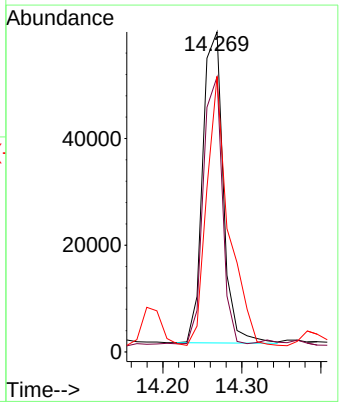


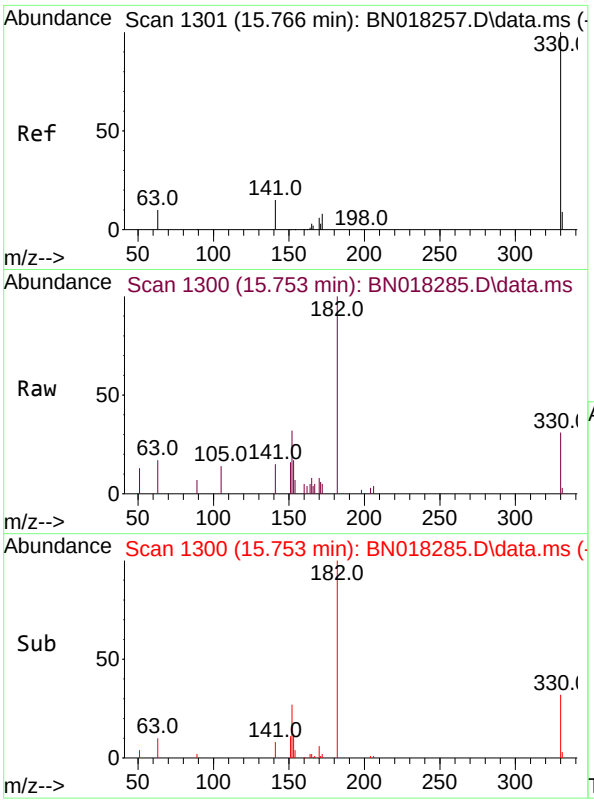


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:164 Resp: 105280

Ion	Ratio	Lower	Upper
164	100		
162	86.0	80.2	120.2
160	86.1	36.9	55.3#



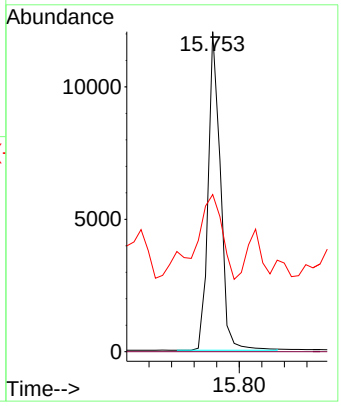


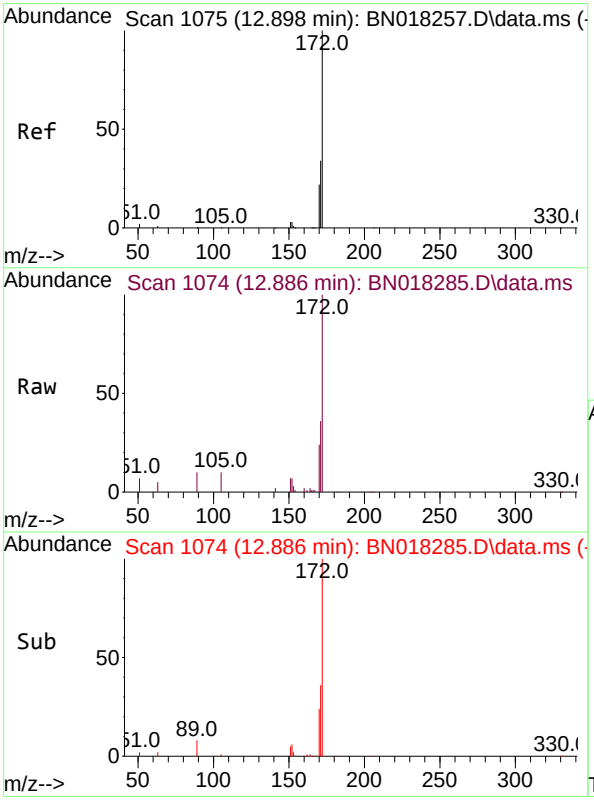
#14
2,4,6-Tribromophenol
Concen: 0.627 ng
RT: 15.753 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:330 Resp: 18122

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.3	21.3	31.9#

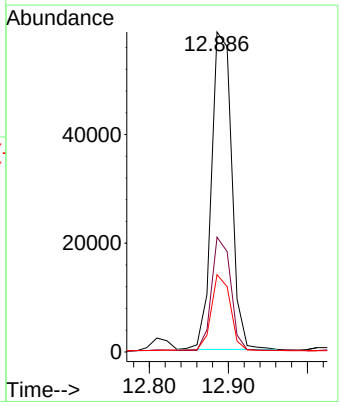


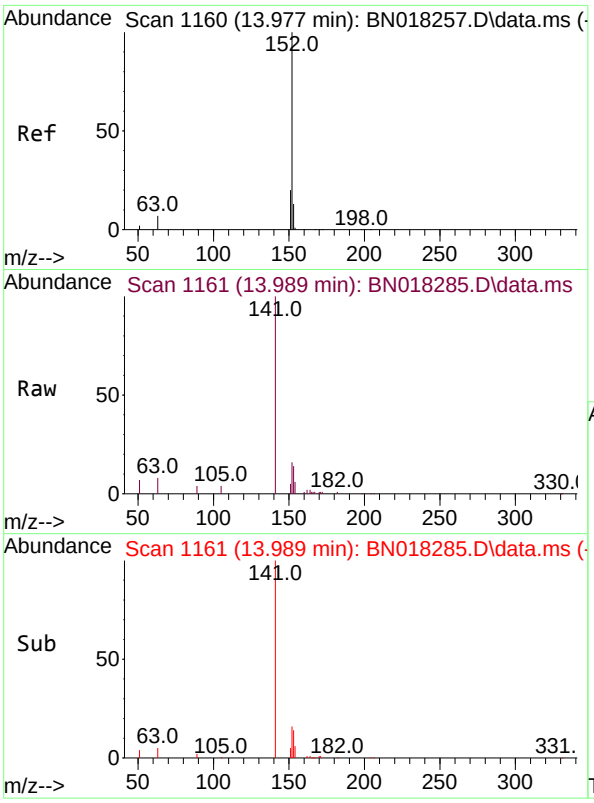


#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:172 Resp: 103328

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.4	41.0
170	24.2	18.4	27.6



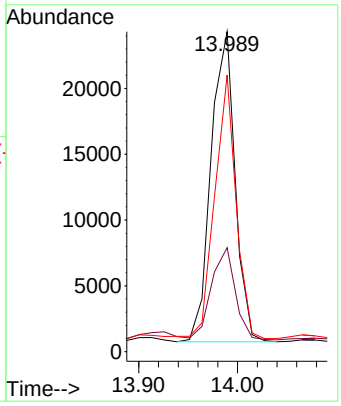


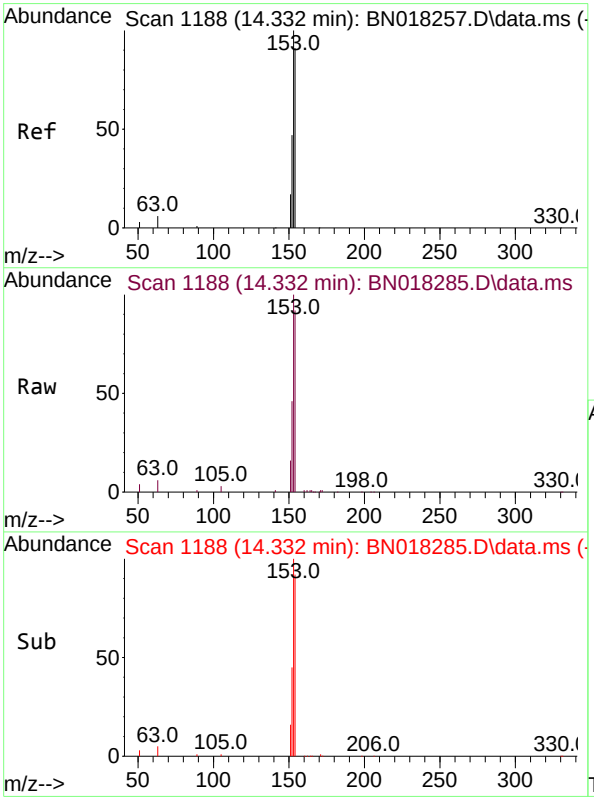
#16
Acenaphthylene
Concen: 0.108 ng
RT: 13.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:152 Resp: 39868

Ion	Ratio	Lower	Upper
152	100		
151	29.3	15.8	23.6#
153	75.4	10.5	15.7#

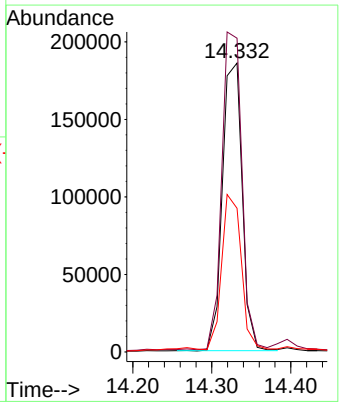


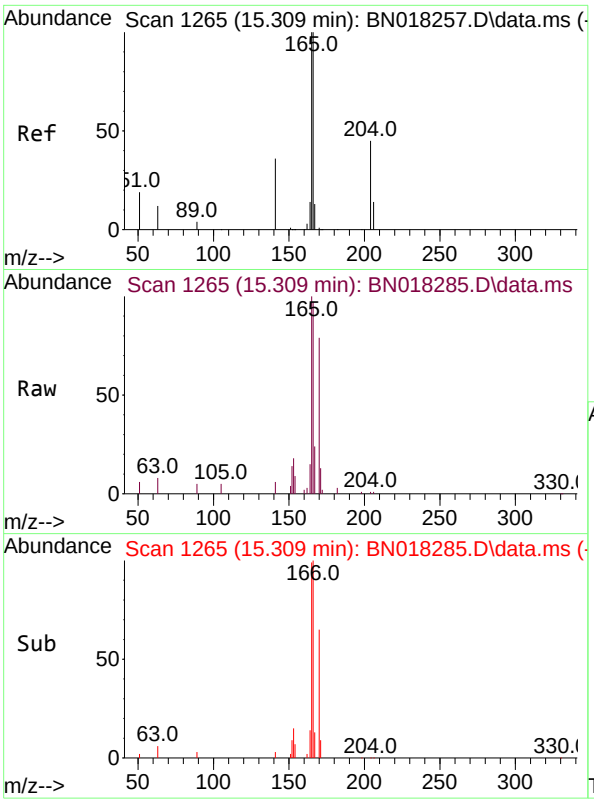


#17
Acenaphthene
Concen: 1.189 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:154 Resp: 323384

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.9	136.3
152	52.9	45.0	67.4



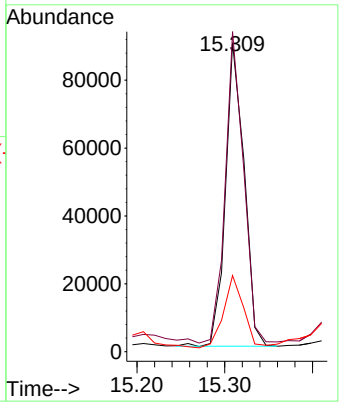


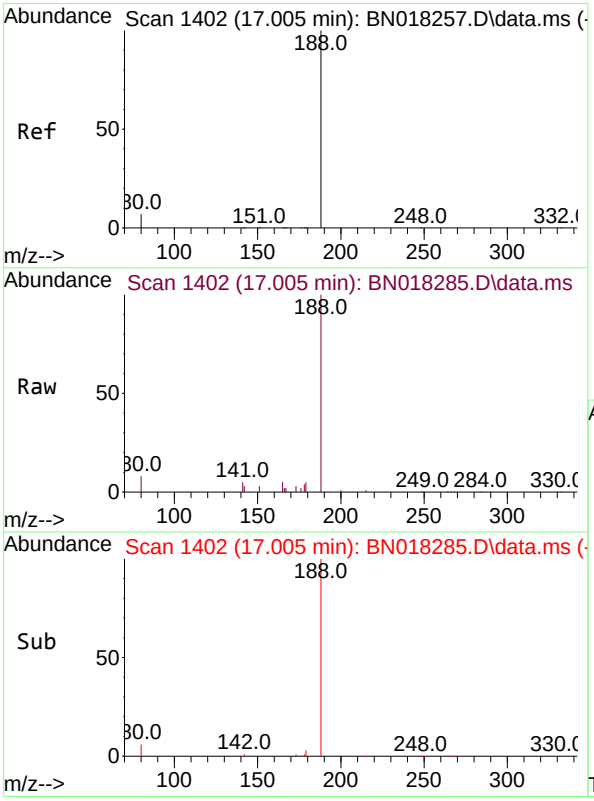
#18
Fluorene
Concen: 0.413 ng
RT: 15.309 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:166 Resp: 132268

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.6
167	25.4	10.9	16.3#

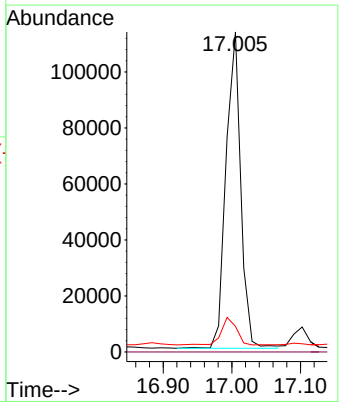


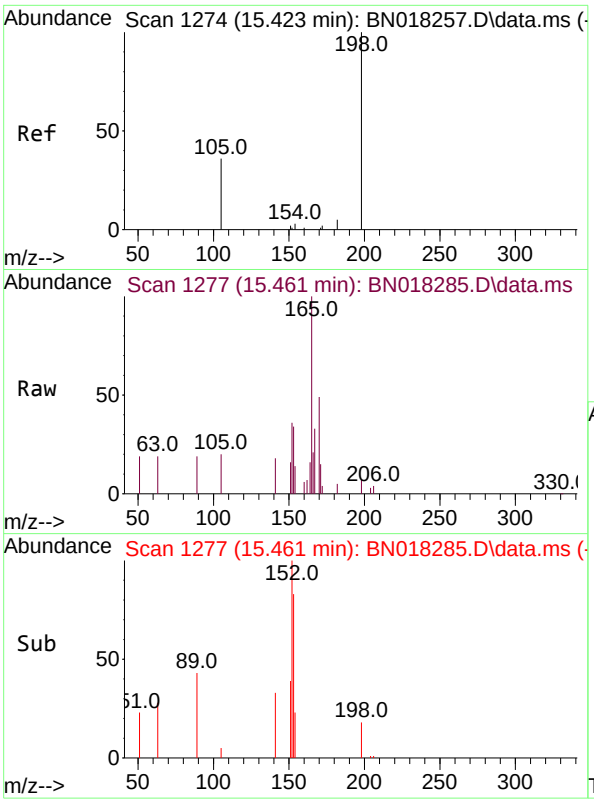


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:188 Resp: 168633

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.0	10.4



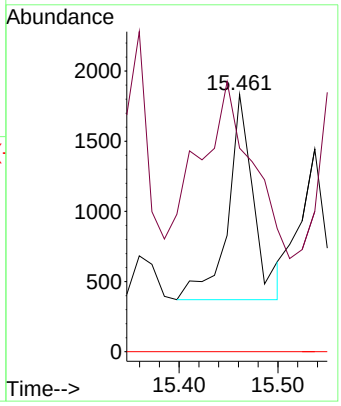


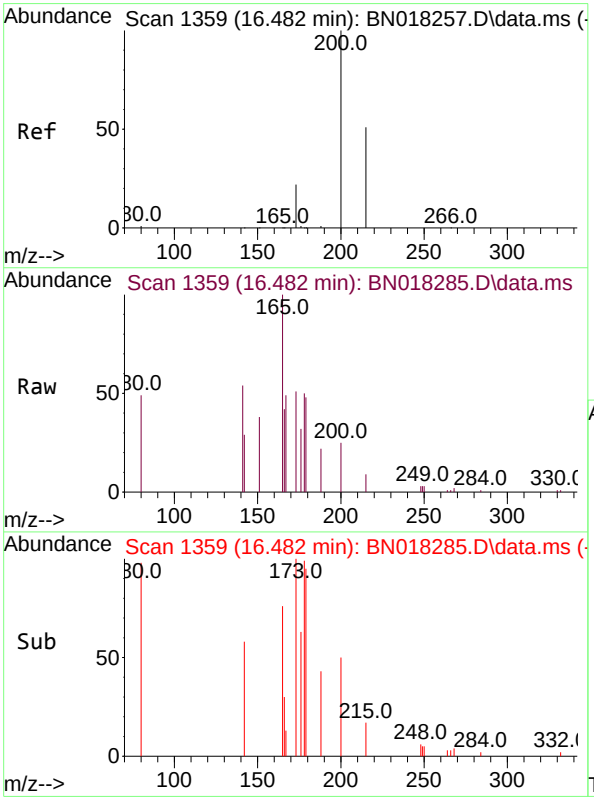
#20
4,6-Dinitro-2-methylphenol
Concen: 0.883 ng
RT: 15.461 min Scan# 1
Delta R.T. 0.038 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:198 Resp: 2701

Ion	Ratio	Lower	Upper
198	100		
182	79.1	15.5	23.3#
77	0.0	0.0	0.0

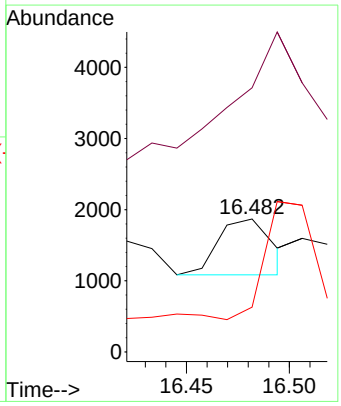


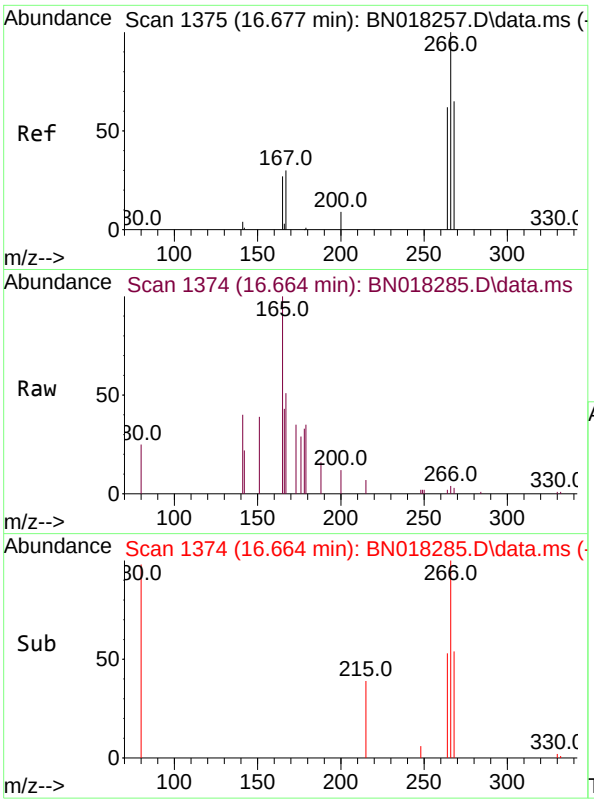


#23
Atrazine
Concen: 0.152 ng
RT: 16.482 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:200 Resp: 1428

Ion	Ratio	Lower	Upper
200	100		
173	198.7	20.3	30.5#
215	33.7	40.4	60.6#



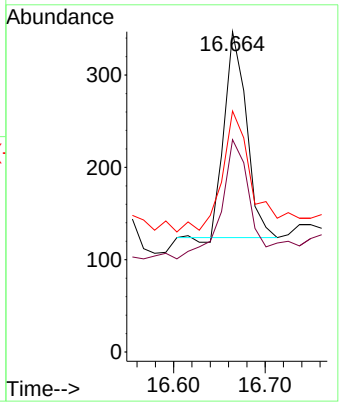


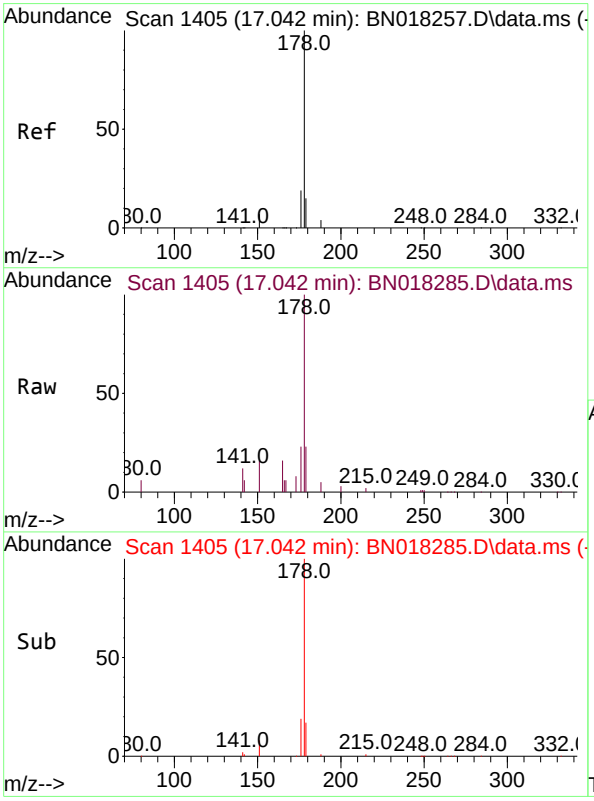
#24
Pentachlorophenol
Concen: 0.201 ng
RT: 16.664 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:266 Resp: 371

Ion	Ratio	Lower	Upper
266	100		
264	76.3	49.5	74.3#
268	84.9	50.6	76.0#

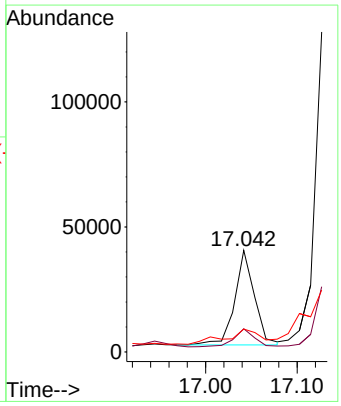


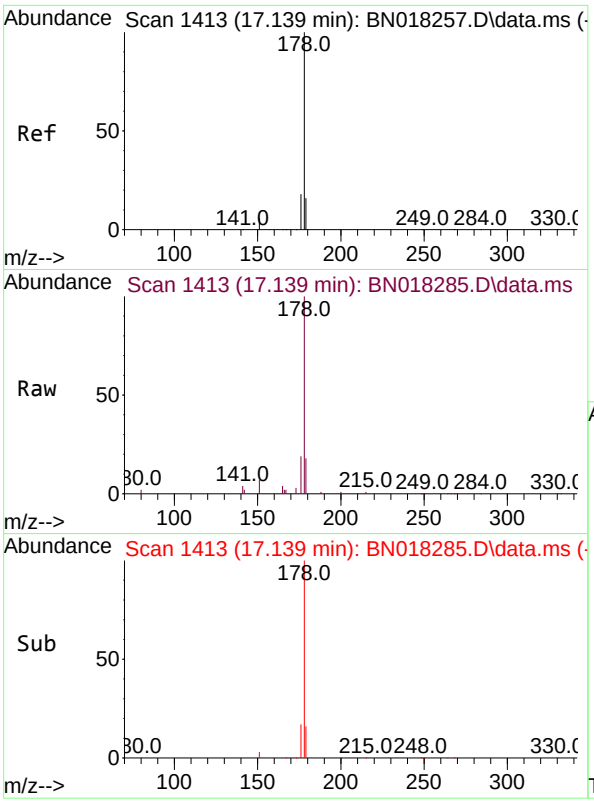


#25
Phenanthrene
Concen: 0.126 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:178 Resp: 56115

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.3	22.9
179	27.0	12.3	18.5#



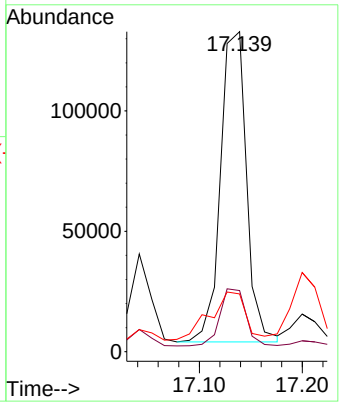


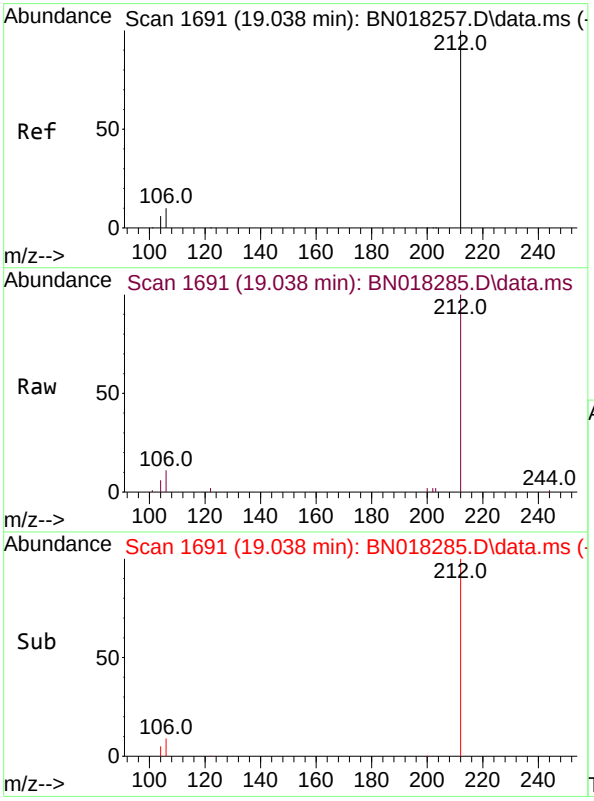
#26
Anthracene
Concen: 0.594 ng
RT: 17.139 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:178 Resp: 226667

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	21.4	12.2	18.4#

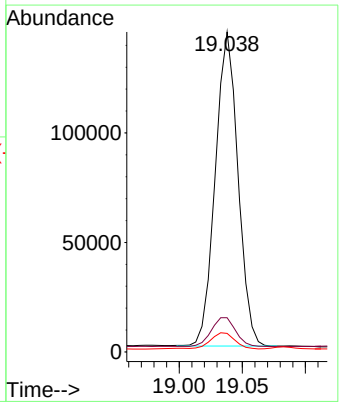


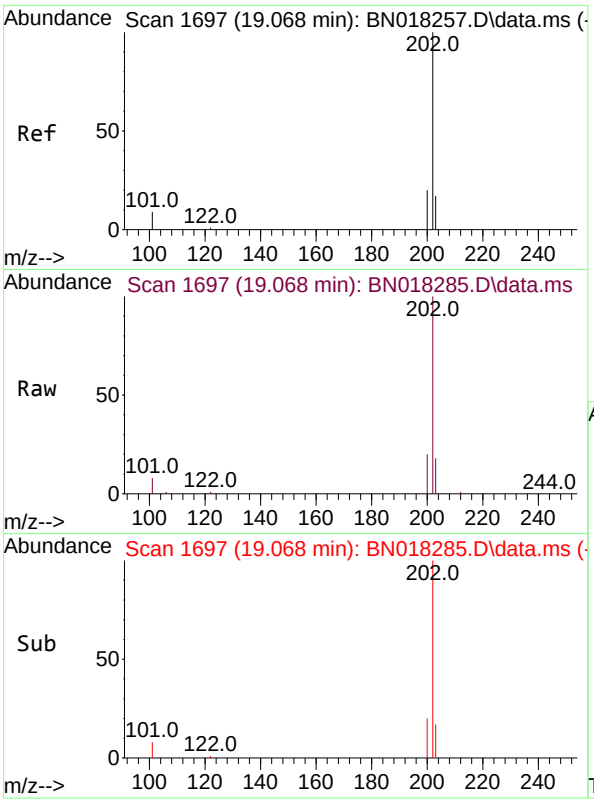


#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:212 Resp: 179134

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.4	12.6
104	5.7	4.5	6.7



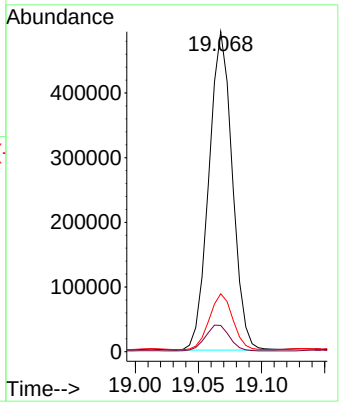


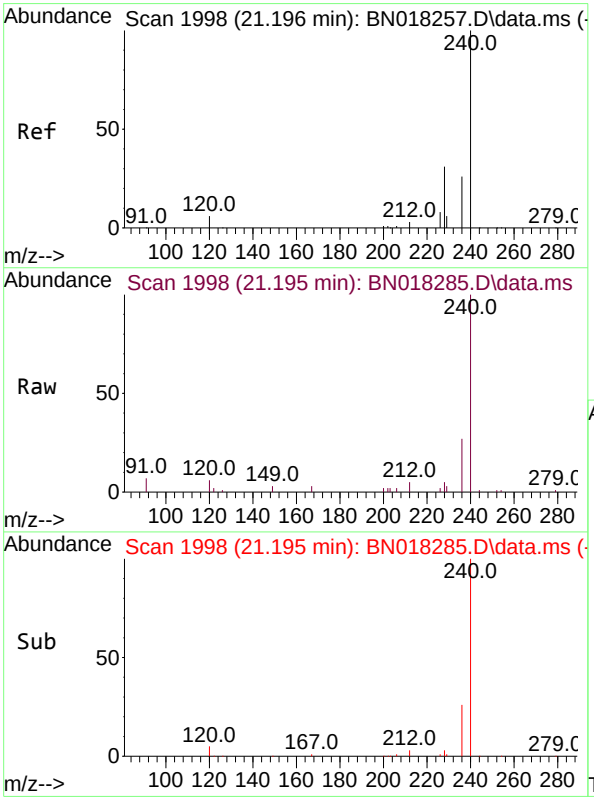
#28
Fluoranthene
Concen: 1.222 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:202 Resp: 636434

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.2	10.8
203	17.4	13.7	20.5

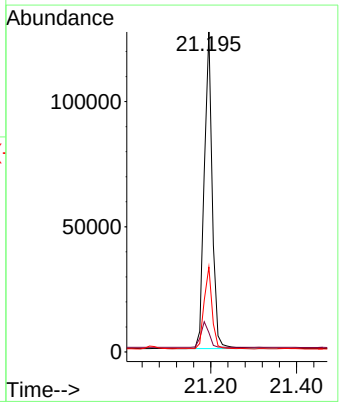


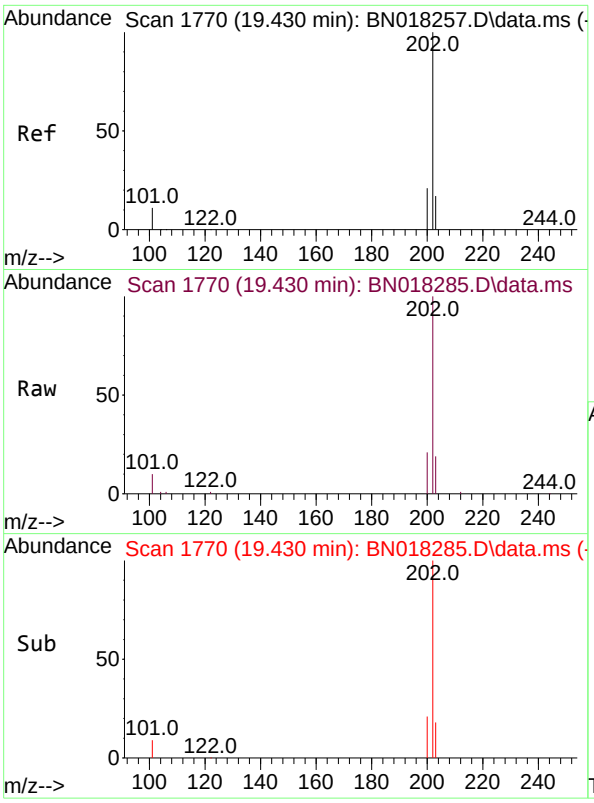


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:240 Resp: 163838

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.0	9.0
236	26.5	21.4	32.2



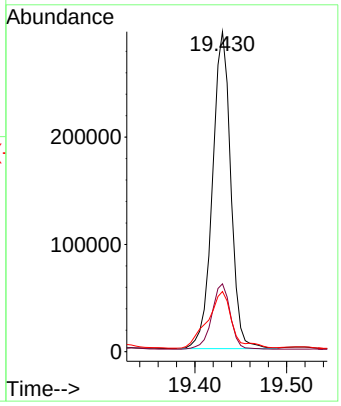


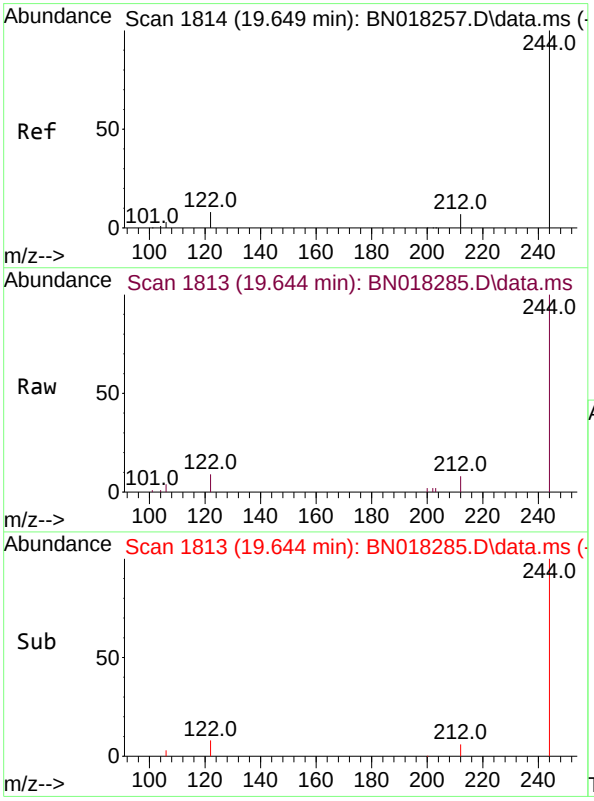
#30
Pyrene
Concen: 0.636 ng
RT: 19.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:202 Resp: 408424

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	23.9	14.1	21.1#

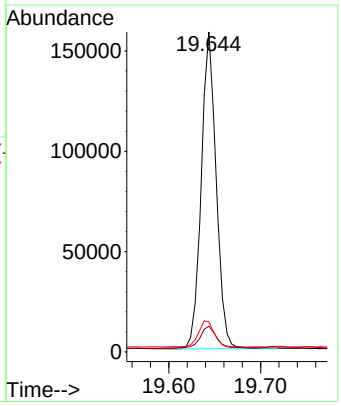


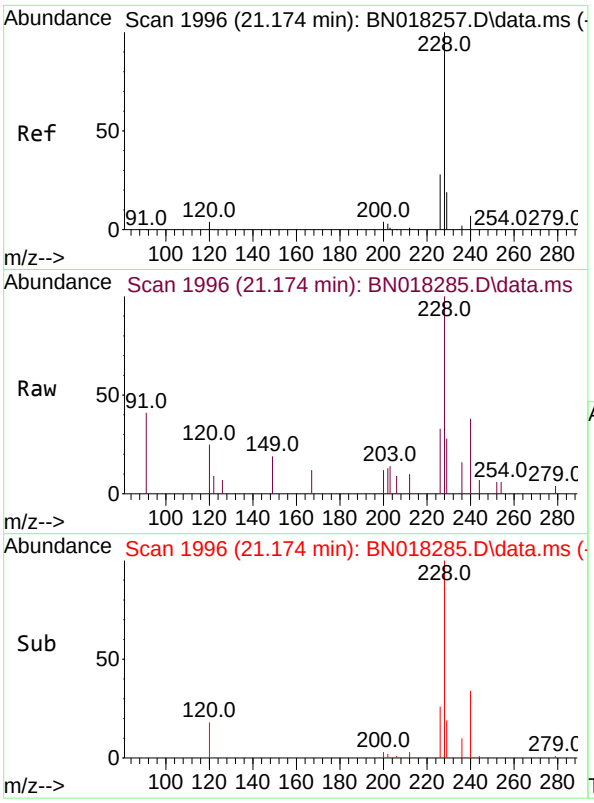


#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:244 Resp: 178409

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	9.4	7.9	11.9



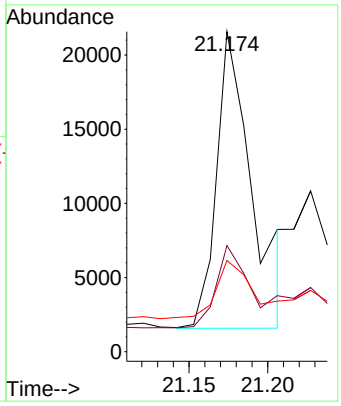


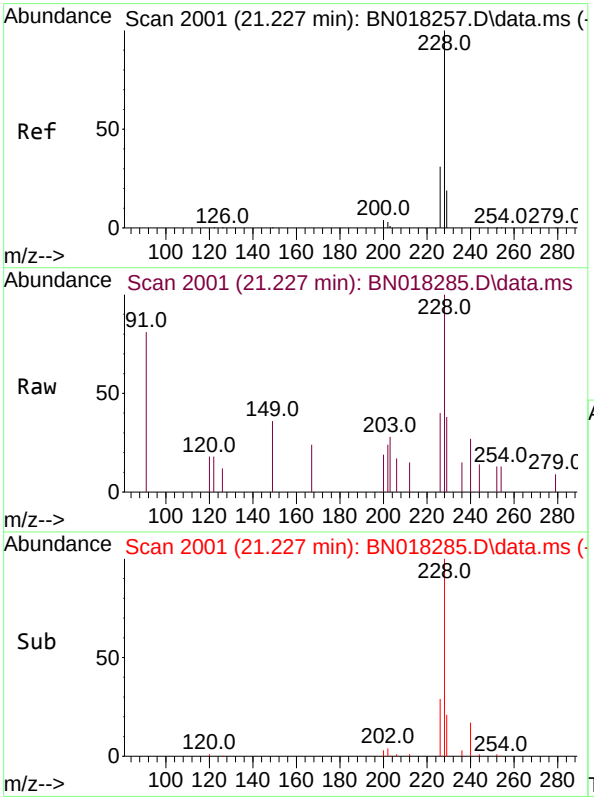
#32
Benzo(a)anthracene
Concen: 0.116 ng
RT: 21.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:228 Resp: 31578

Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.3	31.9#
229	28.5	15.9	23.9#

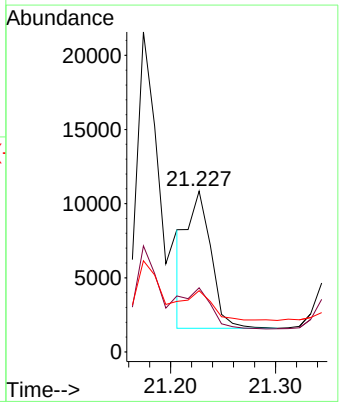


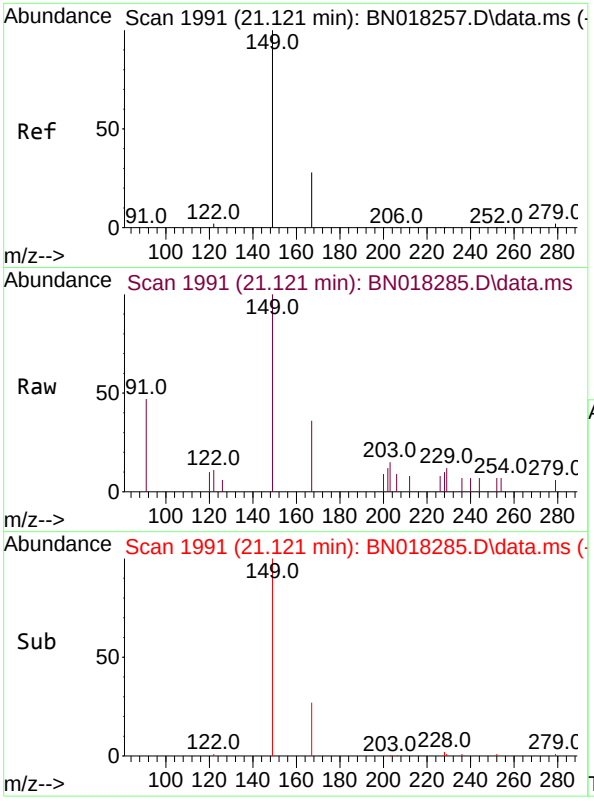


#33
Chrysene
Concen: 0.028 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:228 Resp: 14675

Ion	Ratio	Lower	Upper
228	100		
226	39.9	24.2	36.4#
229	38.1	15.5	23.3#



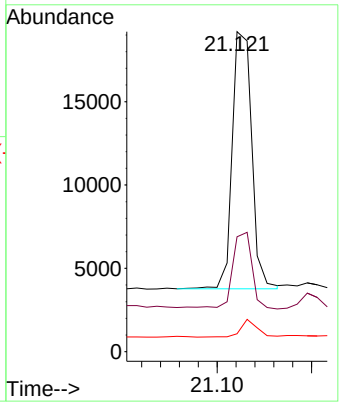


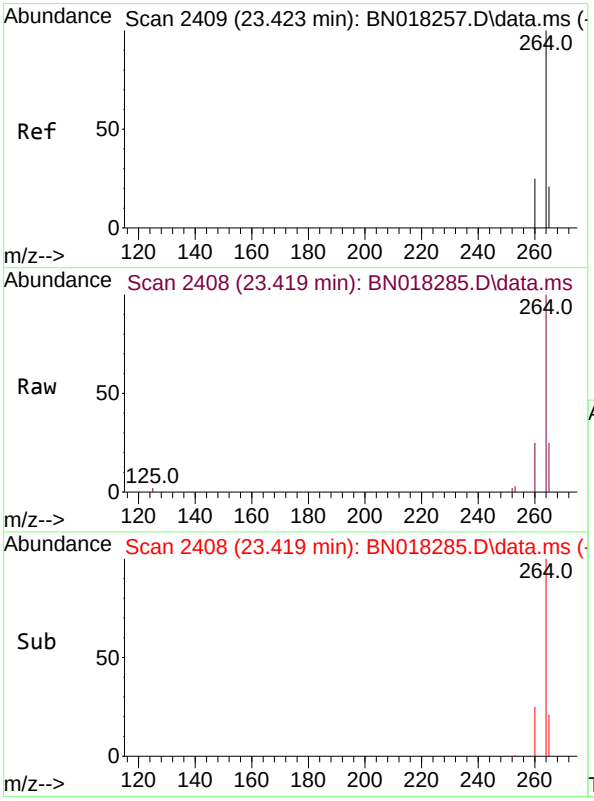
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:149 Resp: 22075

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	5.7	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.419 min Scan# 2408
Delta R.T. -0.004 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:264 Resp: 142565

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	25.3	18.2	27.2