Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002311.D
Acq On : 28 May 2020 15:58
Operator : CG/JU
Sample : L2745-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM11-COMP-2020-0-6

Quant Time: May 29 02:35:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	321813	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	1313483	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	752749	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1540293	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1360692	20.00	ng		0.00
86) Perylene-d12	23.29	264	1442216	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1594530	93.06	ng		0.00
7) Phenol-d6	6.79	99	2215652	95.06	ng		0.00
23) Nitrobenzene-d5	8.75	82	1597365	73.12	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	691801	96.97	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	3168318	74.27	ng		0.00
79) Terphenyl-d14	19.59	244	3892708	69.28	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.74	122	304	4.831	ng	#	84
50) Dimethylphthalate	13.71	163	313536	6.154	ng		99
71) Phenanthrene	17.04	178	949306	13.011	ng		99
72) Anthracene	17.13	178	244011	3.399	ng		99
75) Fluoranthene	19.02	202	1819364	21.650	ng		99
78) Pyrene	19.37	202	1655143	19.534	ng		98
81) Benzo(a)anthracene	21.08	228	877518	11.266	ng		98
83) Chrysene	21.13	228	801480	10.722	ng		97
87) Indeno(1,2,3-cd)pyrene	25.50	276	498892	5.589	ng		98
88) Benzo(b)fluoranthene	22.64	252	1427565	18.156	ng	#	96
89) Benzo(k)fluoranthene	22.64	252	1427565	18.920	ng	#	97
90) Benzo(a)pyrene	23.20	252	785332	10.767	ng	#	98
92) Benzo(g,h,i)perylene	26.17	276	502037	6.762	ng	#	93

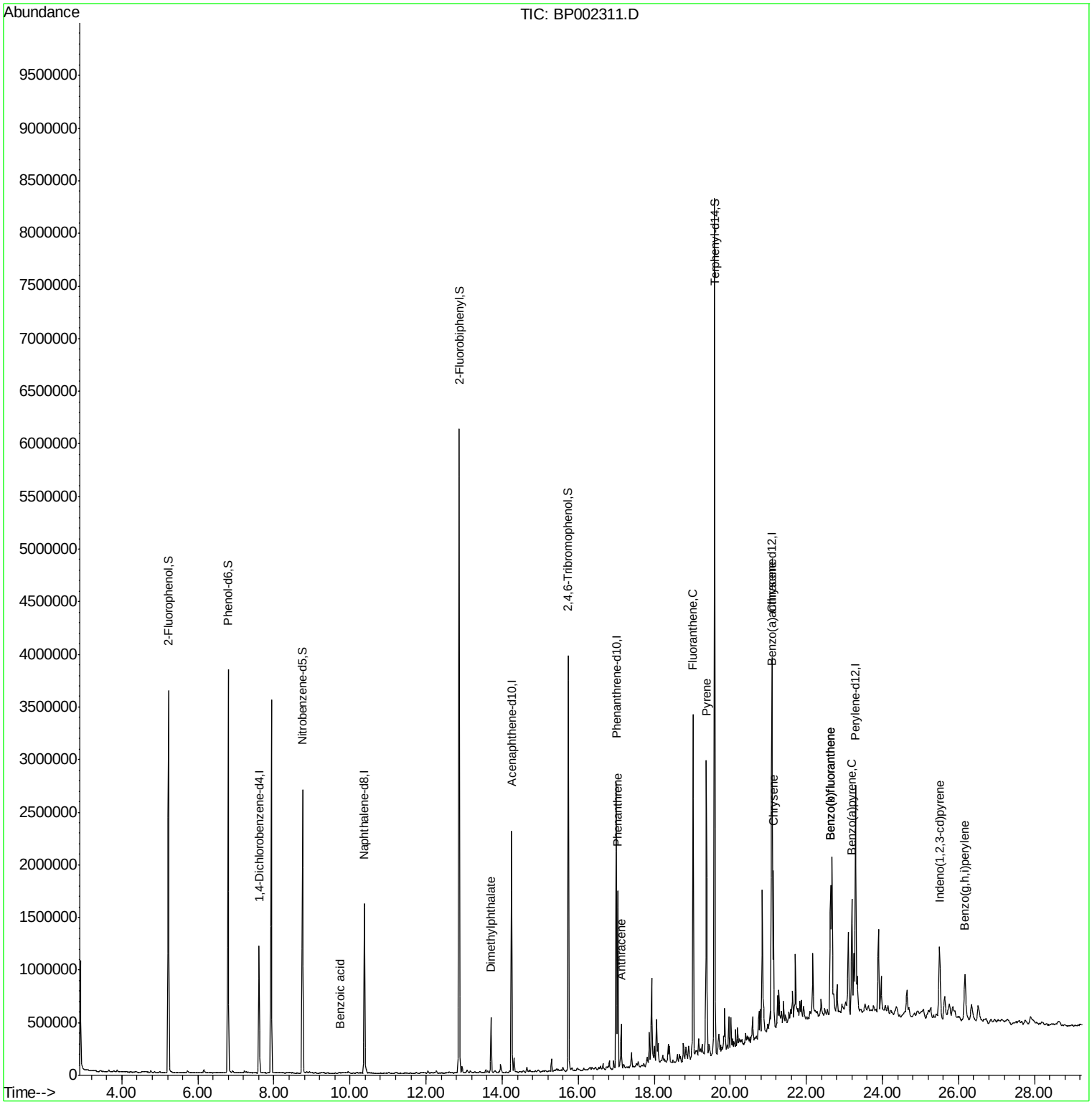
(#) = qualifier out of range (m) = manual integration (+) = signals summed

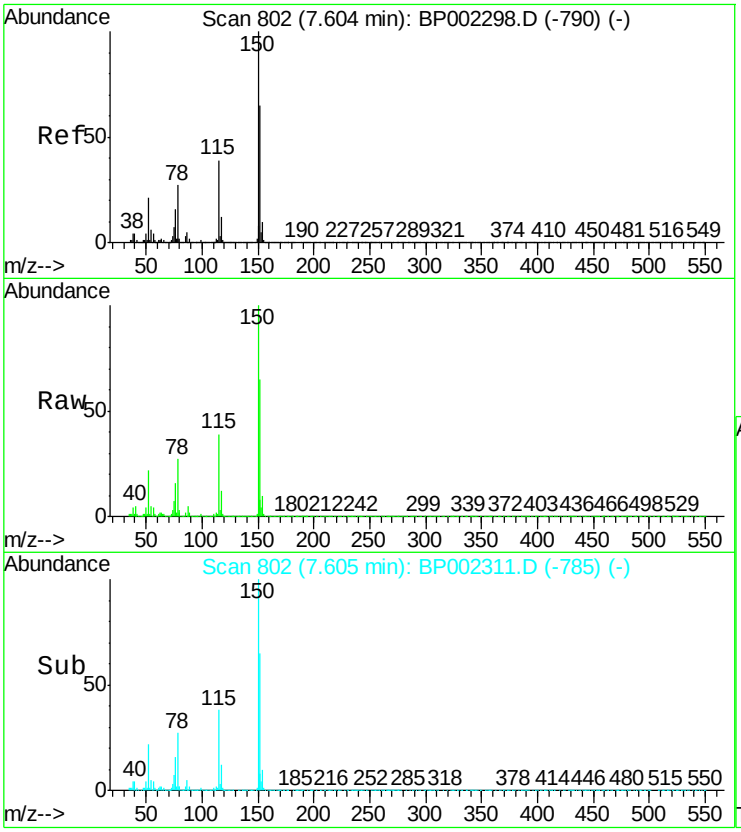
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002311.D
Acq On : 28 May 2020 15:58
Operator : CG/JU
Sample : L2745-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Quant Time: May 29 02:35:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:01:43 2020
Response via : Initial Calibration



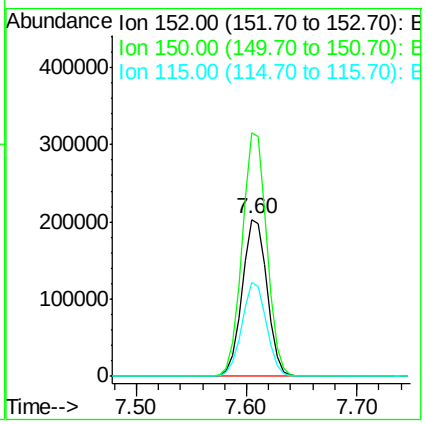


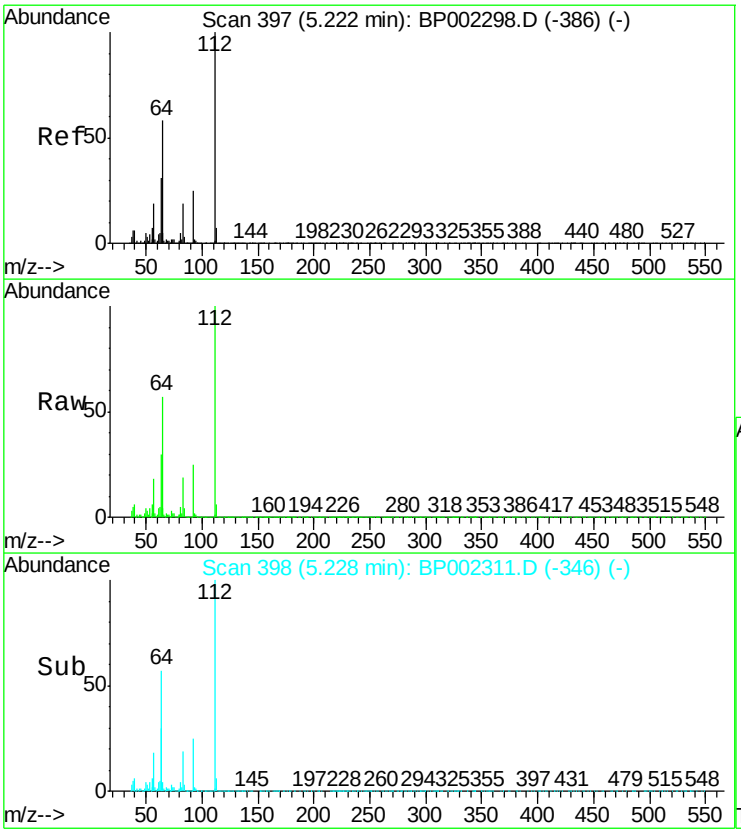
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:152 Resp: 321813

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.7	187.1
115	59.7	49.4	74.2

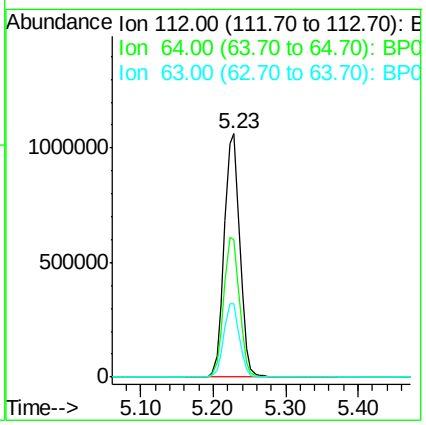


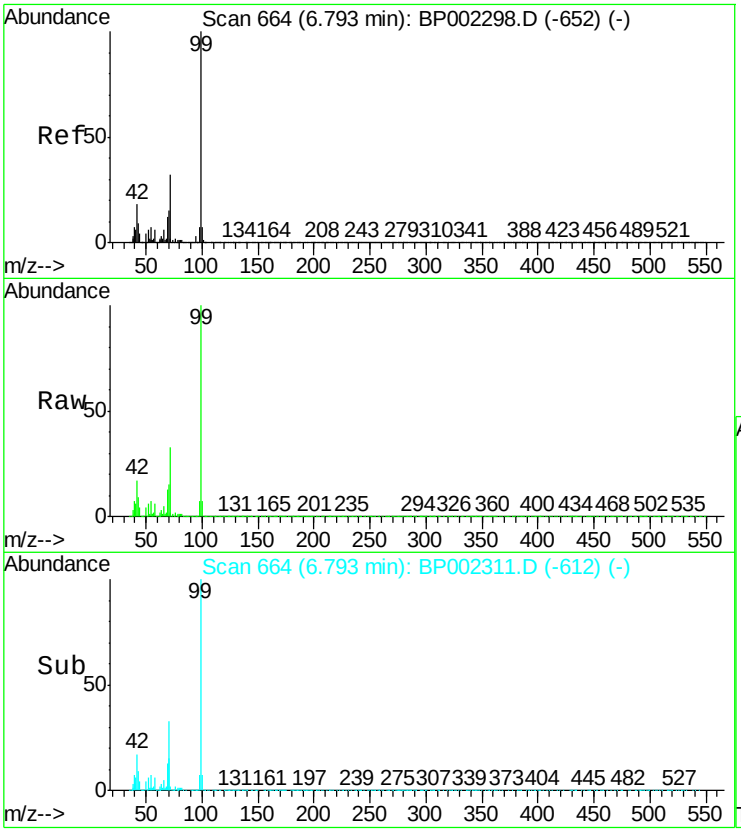


#5
2-Fluorophenol
Concen: 93.058 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:112 Resp: 1594530

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.0	70.4
63	30.3	24.0	36.0



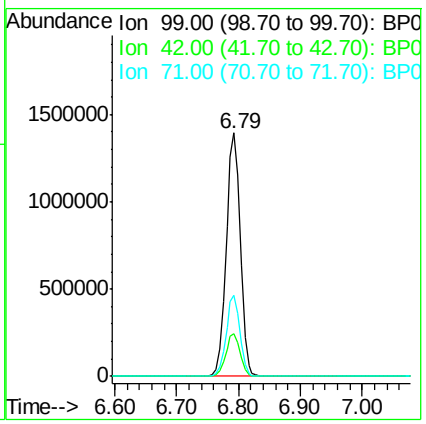


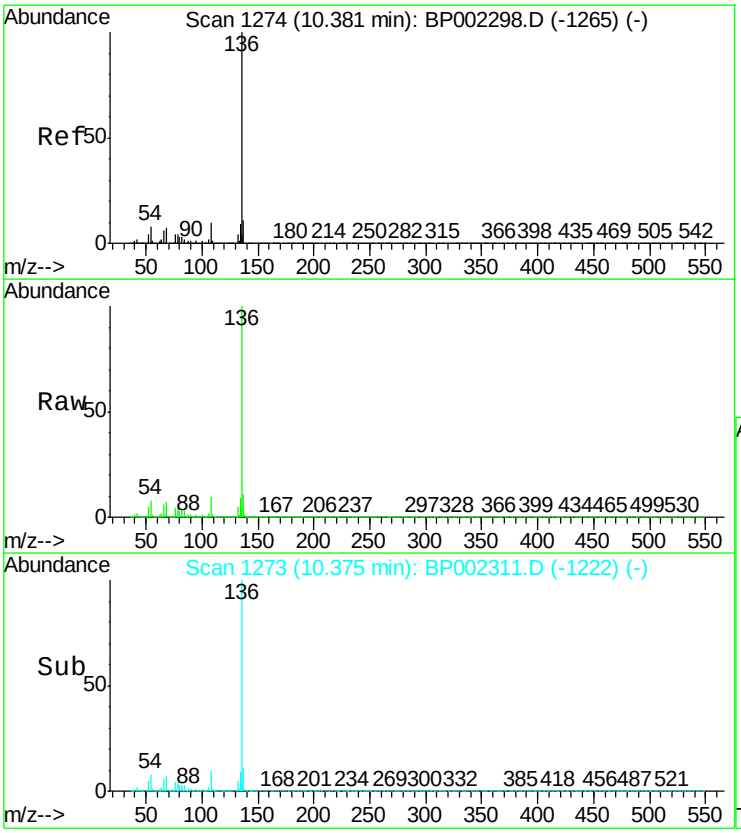
#7
Phenol-d6
Concen: 95.056 ng
RT: 6.79 min Scan# 664
Delta R.T. 0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion: 99 Resp: 2215652

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.9	20.9
71	33.2	25.8	38.8

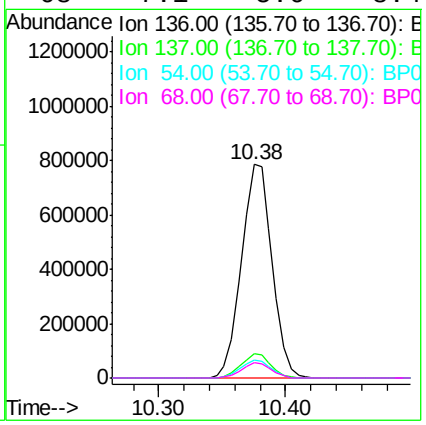


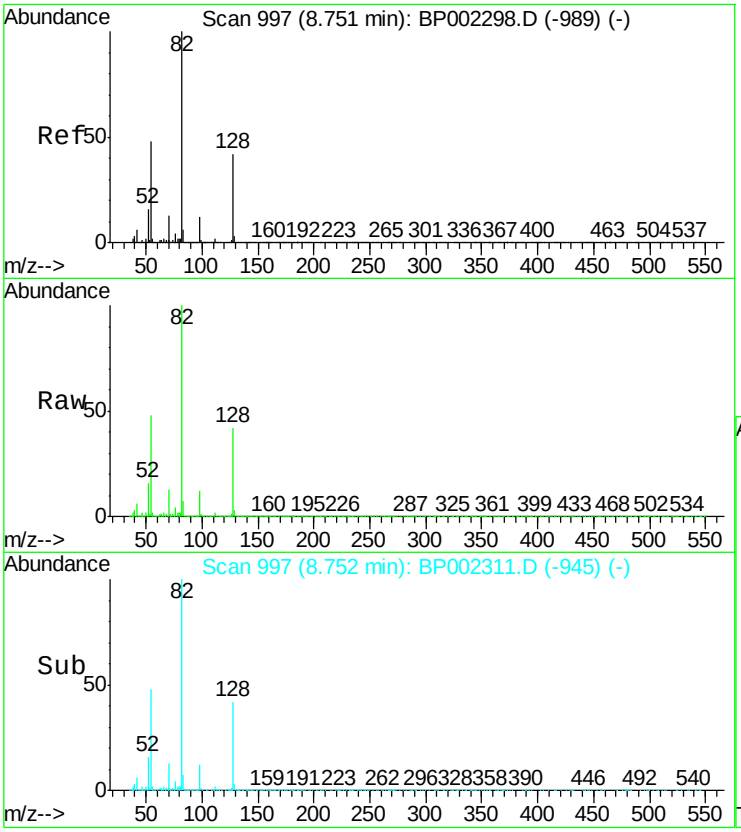


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:136 Resp: 1313483

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	6.9	10.3
68	7.1	5.6	8.4



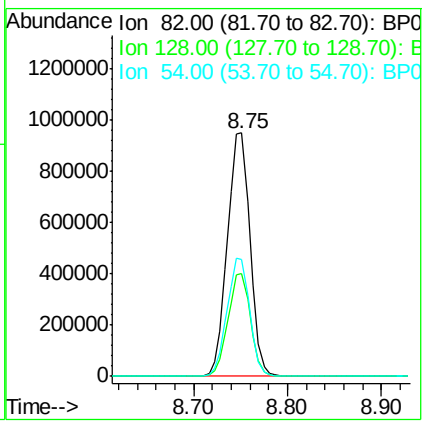


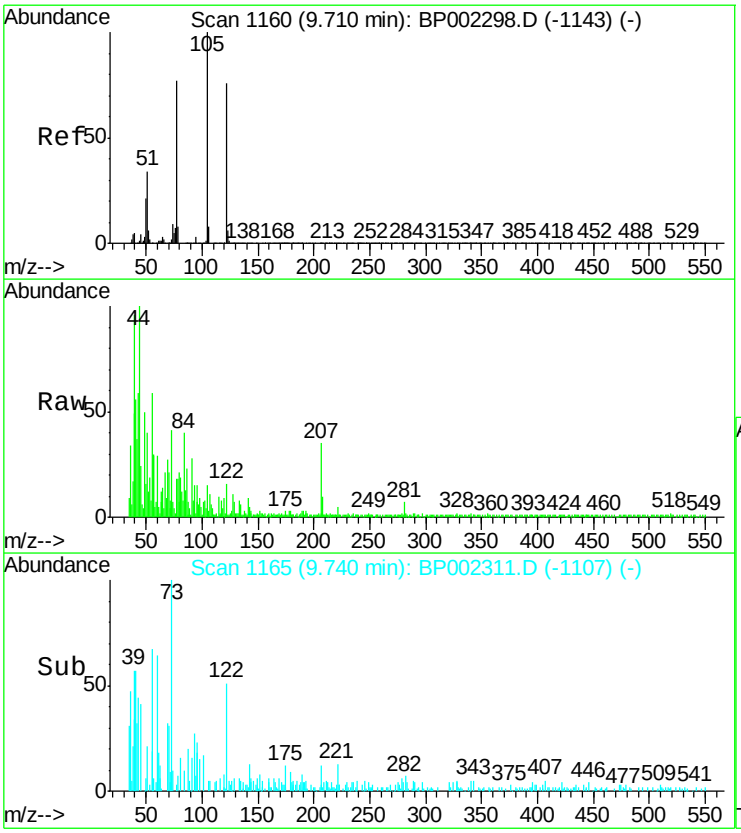
#23
Nitrobenzene-d5
Concen: 73.117 ng
RT: 8.75 min Scan# 997
Delta R.T. 0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion: 82 Resp: 1597365

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	47.9	38.3	57.5

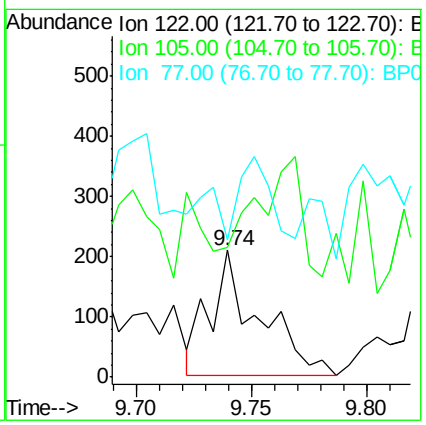


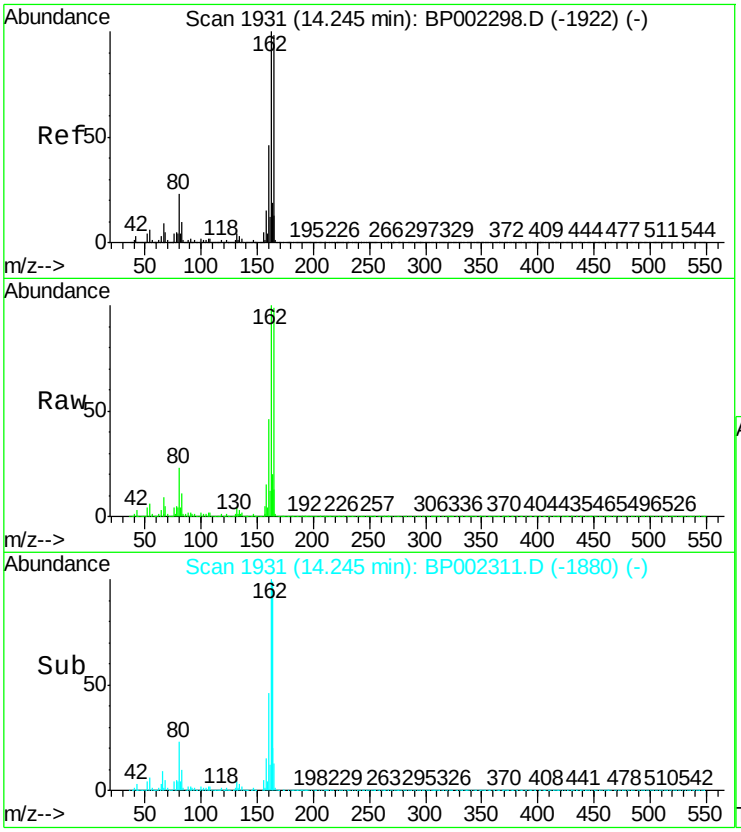


#32
Benzoic acid
Concen: 4.831 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.04 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:122 Resp: 304

Ion	Ratio	Lower	Upper
122	100		
105	101.9	102.7	142.7#
77	108.1	74.8	114.8



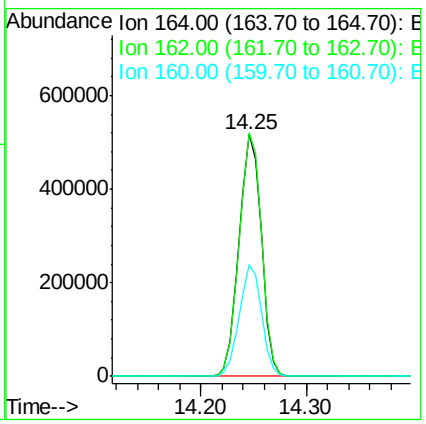


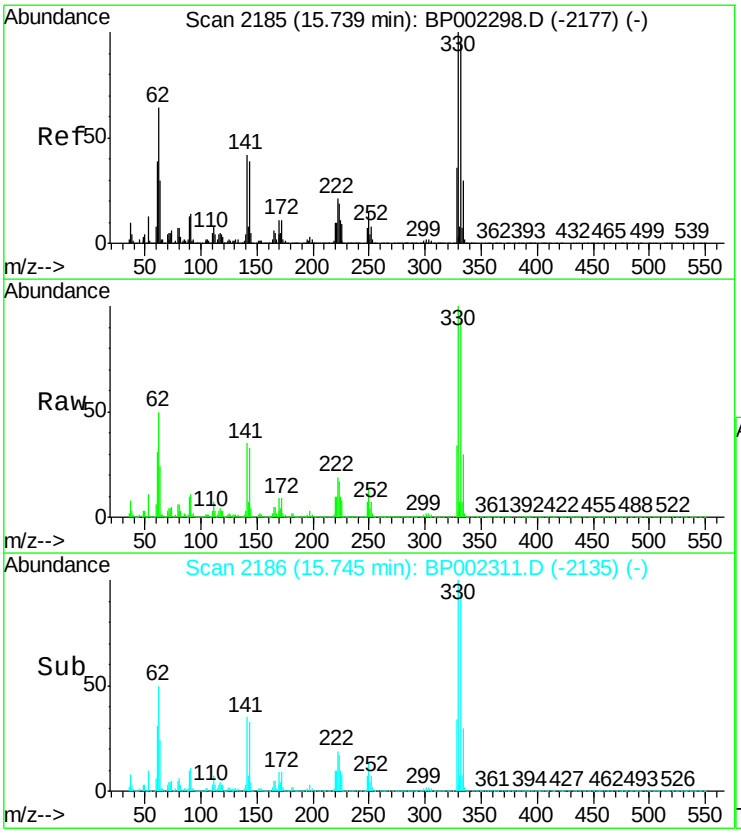
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:164 Resp: 752749

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	46.4	37.2	55.8

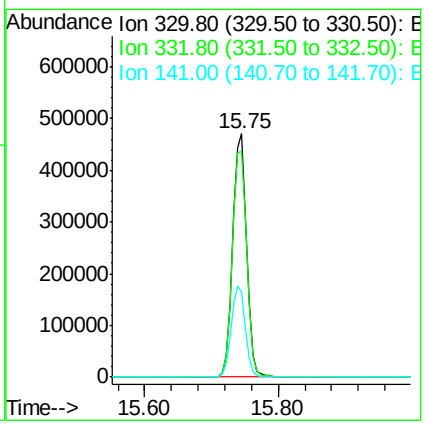


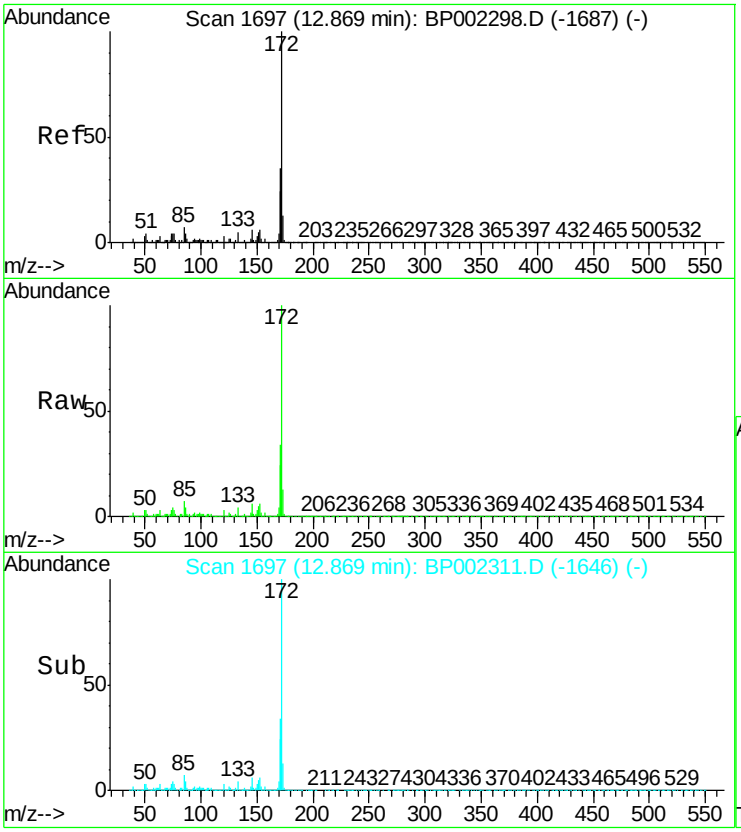


#42
2,4,6-Tribromophenol
Concen: 96.969 ng
RT: 15.75 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:330 Resp: 691801

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	37.7	31.4	47.2



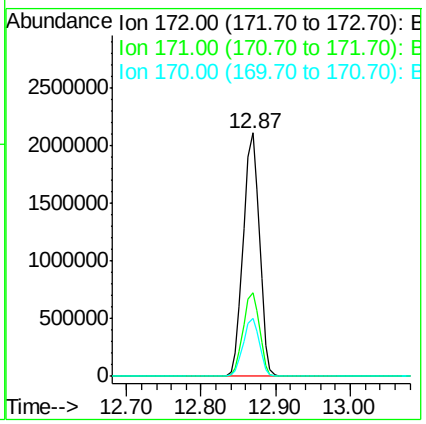


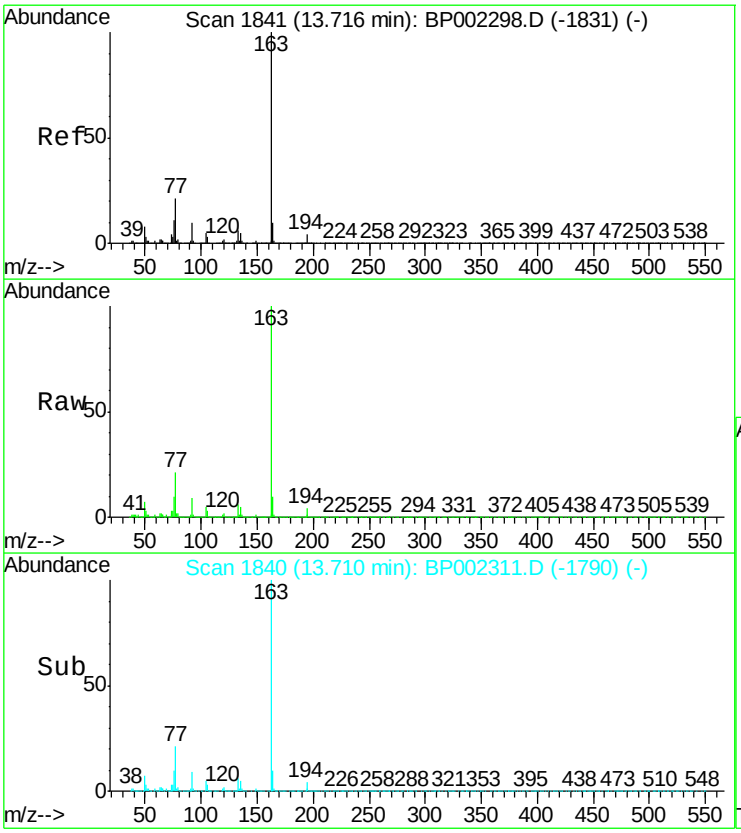
#45
2-Fluorobiphenyl
Concen: 74.269 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:172 Resp: 3168318

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.6	41.4
170	24.0	18.9	28.3

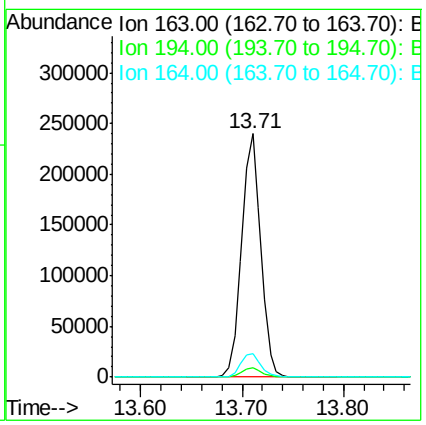


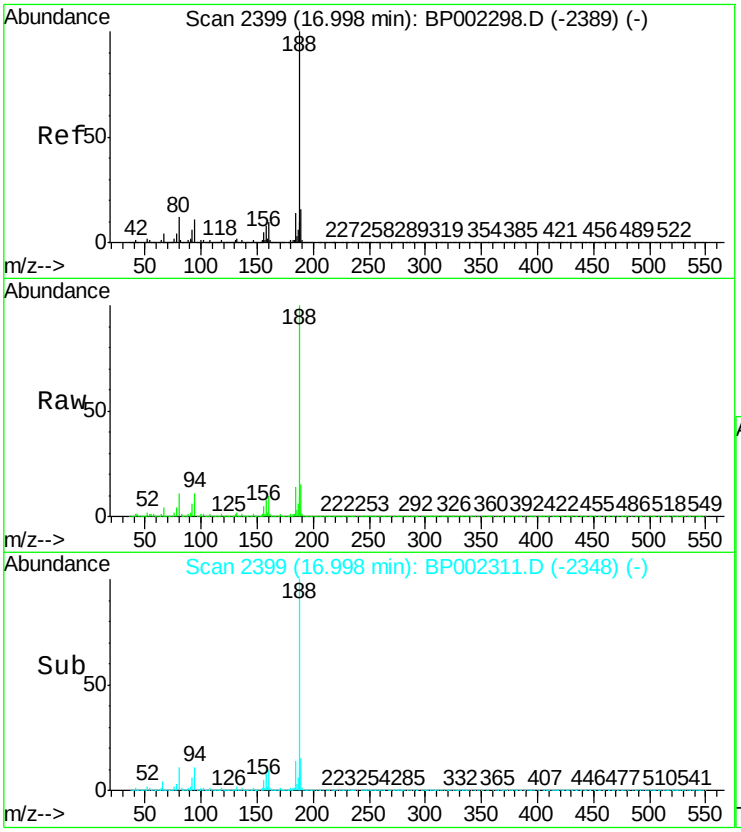


#50
Dimethylphthalate
Concen: 6.154 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:163 Resp: 313536

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.5	8.1	12.1



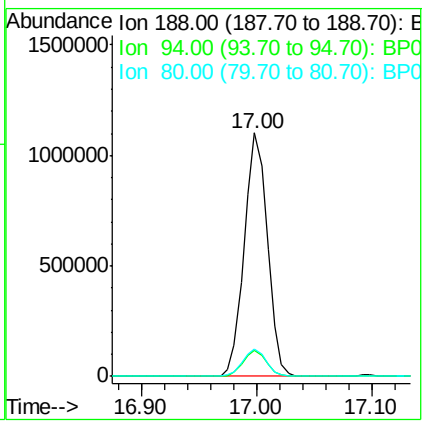


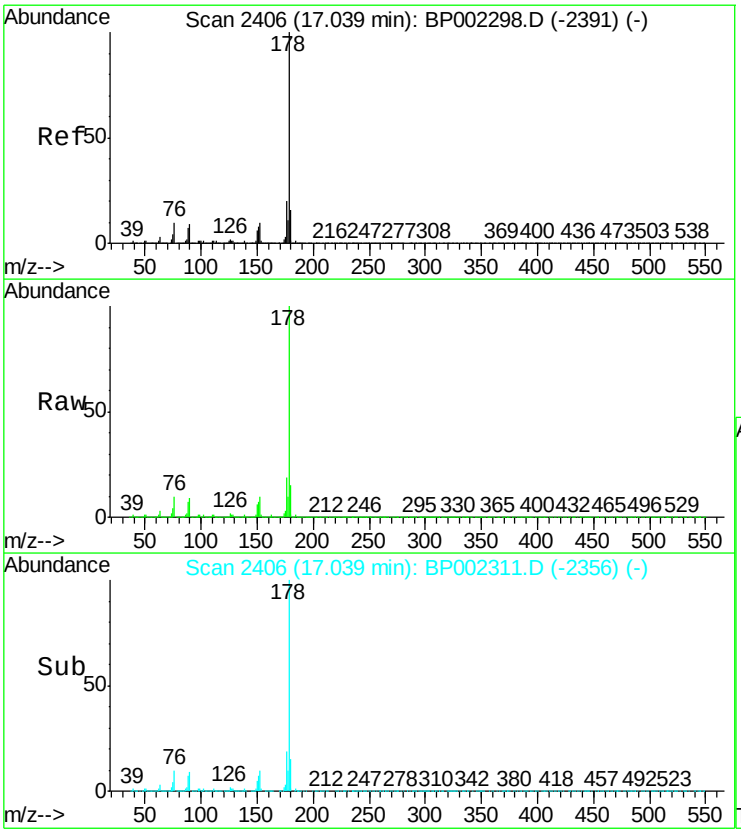
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:188 Resp: 1540293

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.4	9.3	13.9

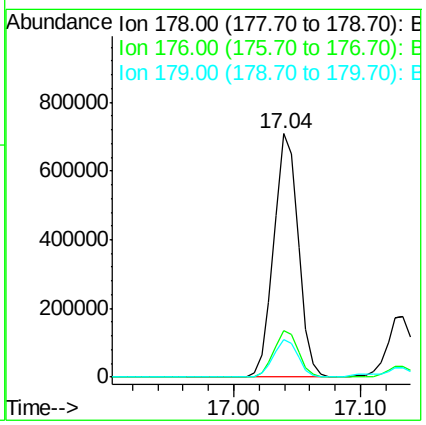


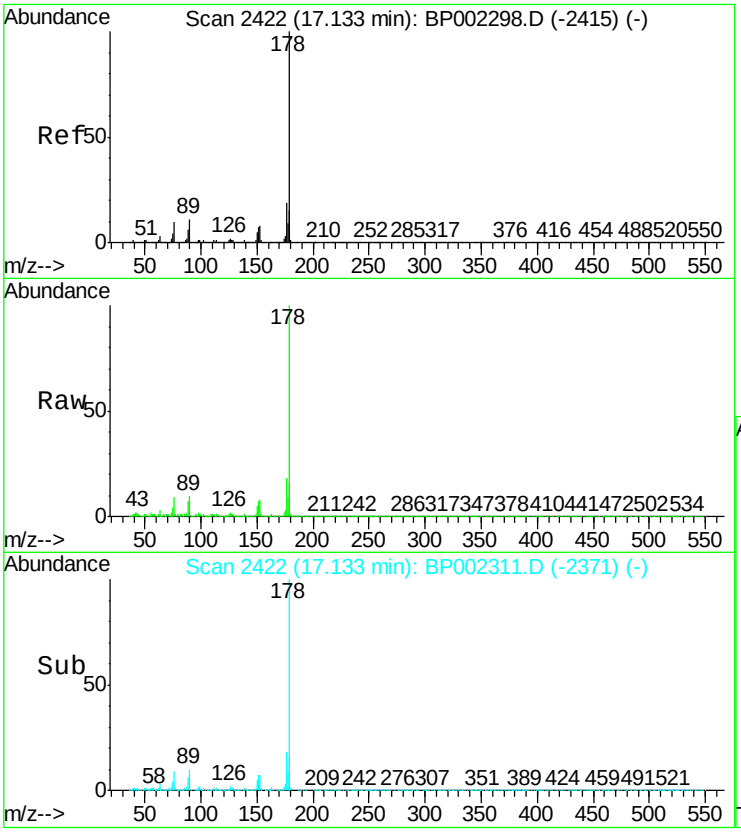


#71
Phenanthrene
Concen: 13.011 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:178 Resp: 949306

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	12.6	18.8



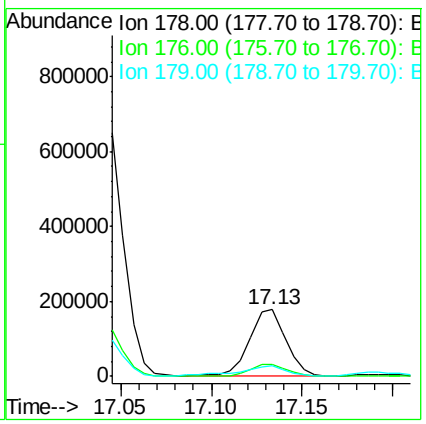


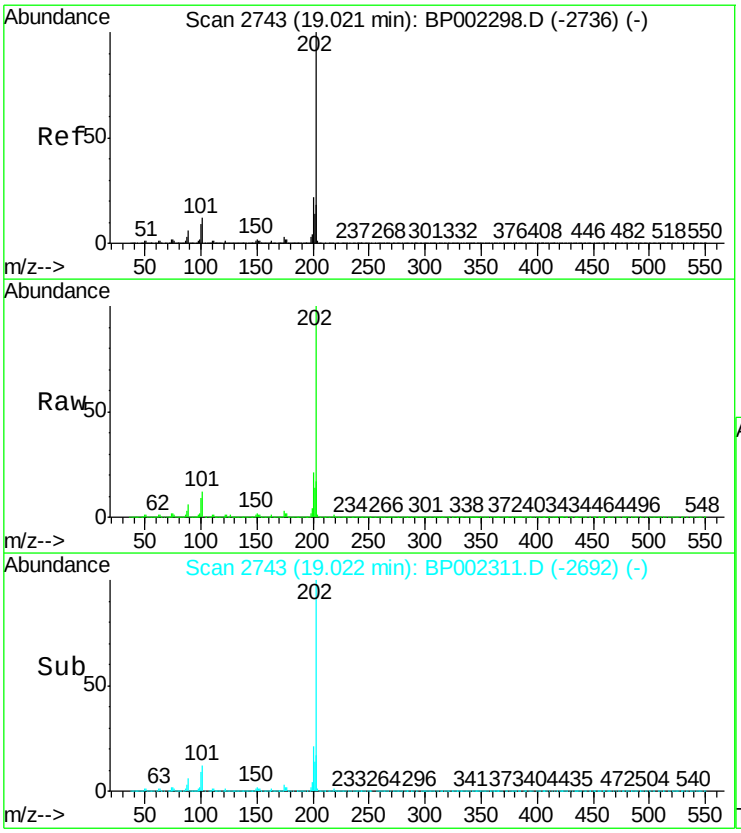
#72
Anthracene
Concen: 3.399 ng
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:178 Resp: 244011

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.2	22.8
179	15.6	12.6	19.0

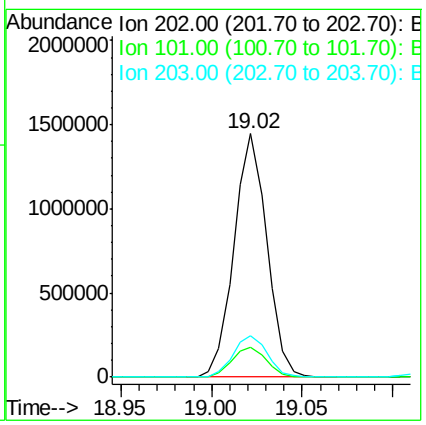


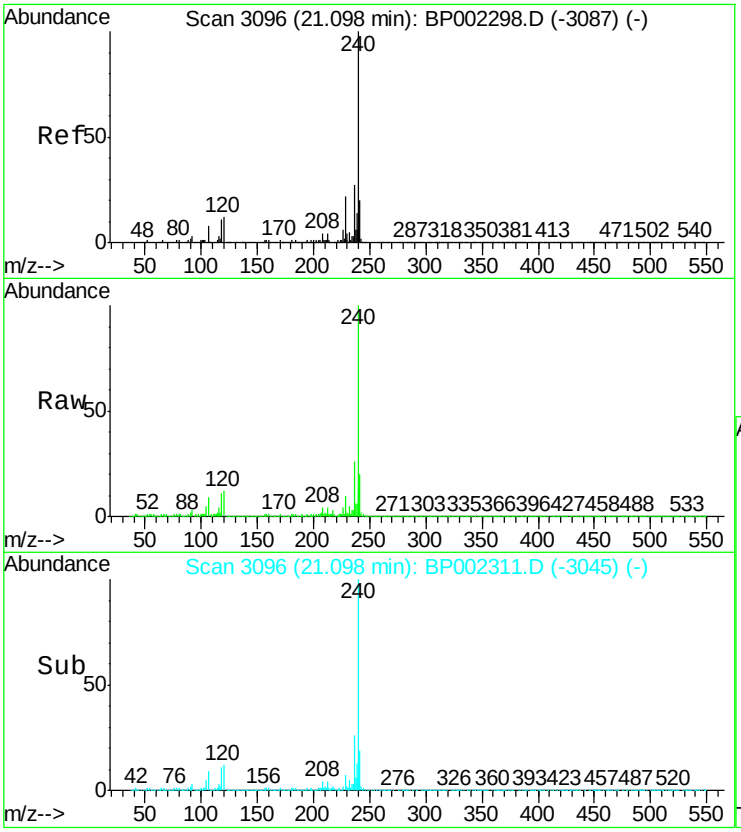


#75
Fluoranthene
Concen: 21.650 ng
RT: 19.02 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:202 Resp: 1819364

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	16.8	0.0	37.6



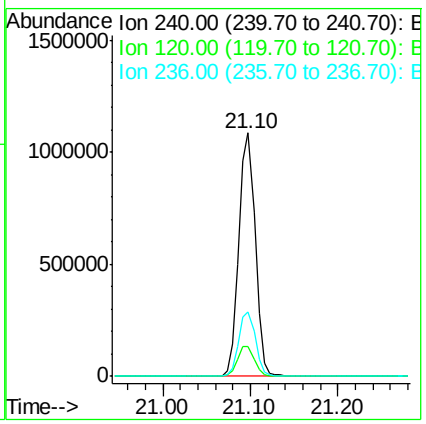


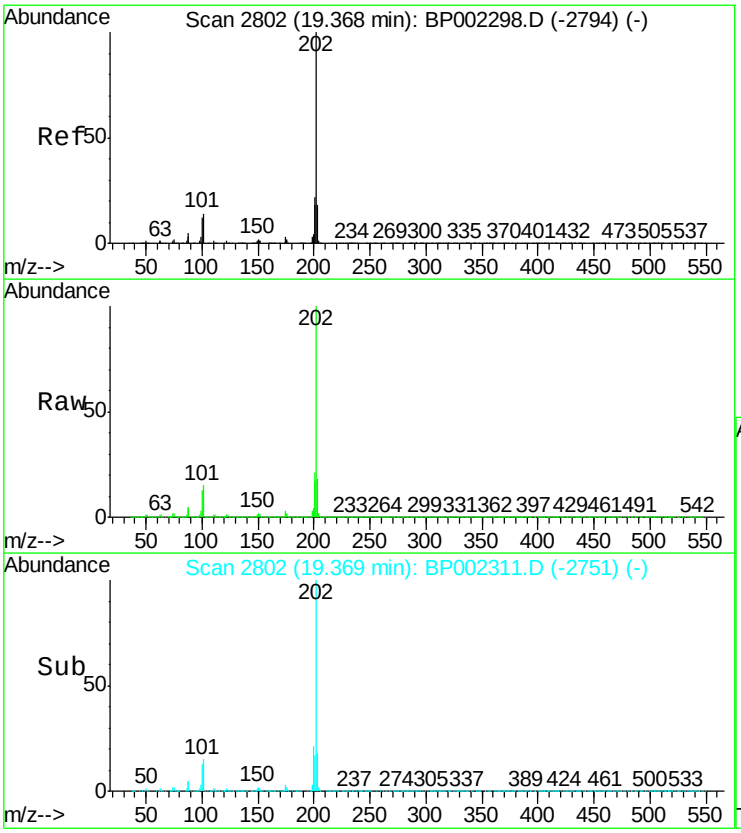
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:240 Resp: 1360692

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.7	13.1
236	26.4	21.0	31.4

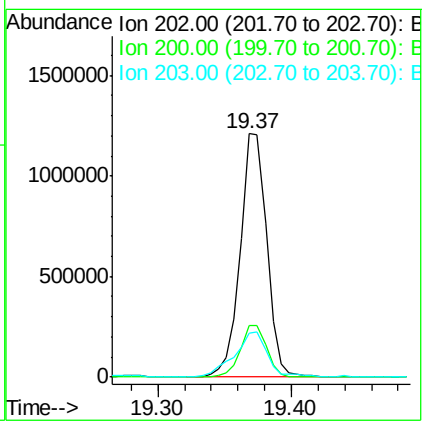


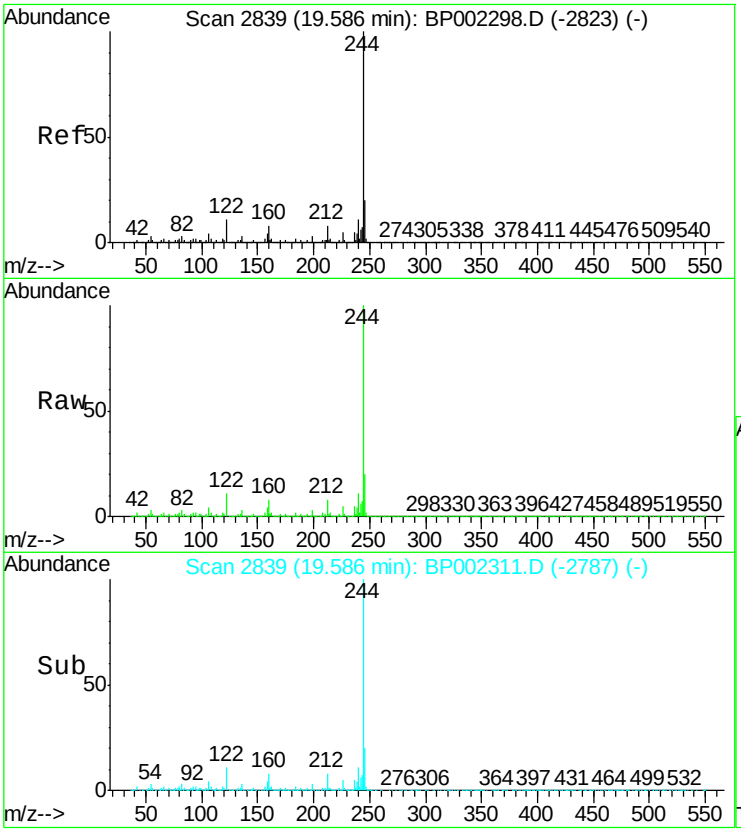


#78
Pyrene
Concen: 19.534 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:202 Resp: 1655143

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	18.2	13.8	20.6



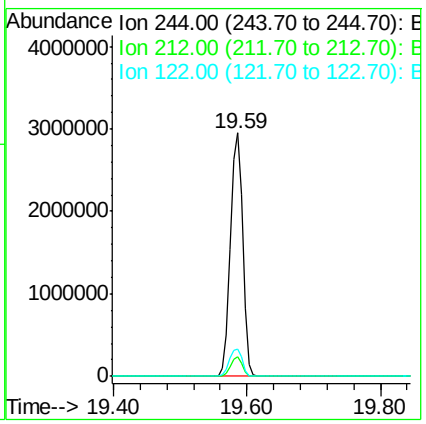


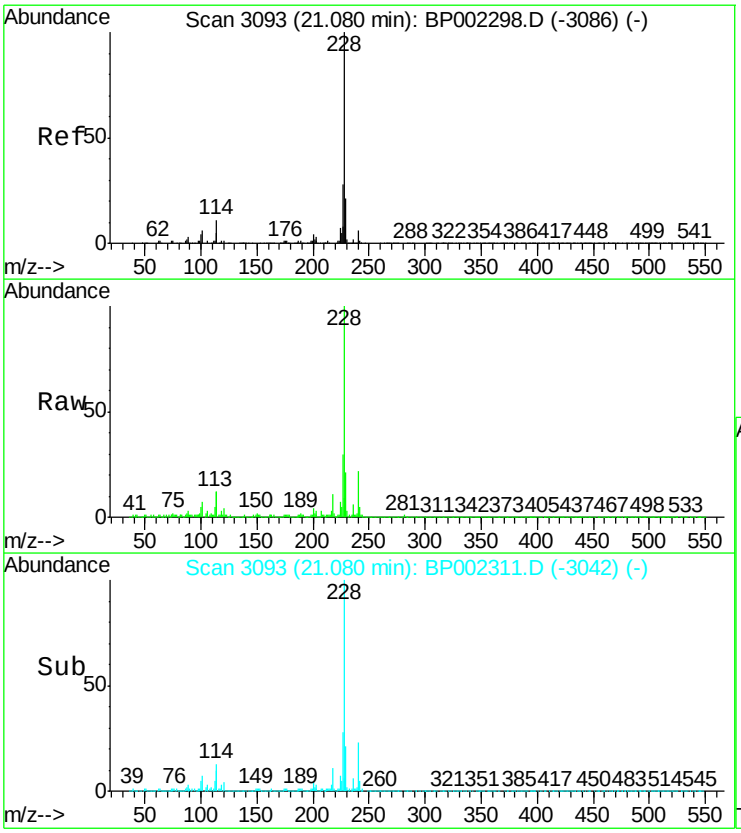
#79
Terphenyl-d14
Concen: 69.281 ng
RT: 19.59 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:244 Resp: 3892708

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	11.2	9.4	14.0

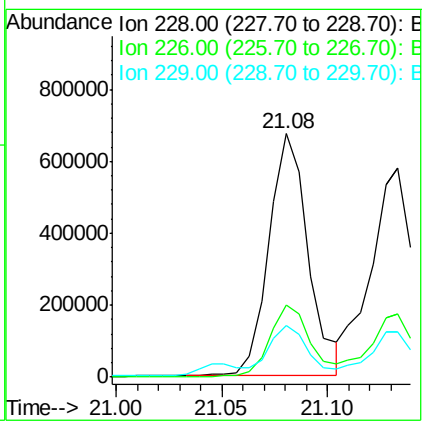


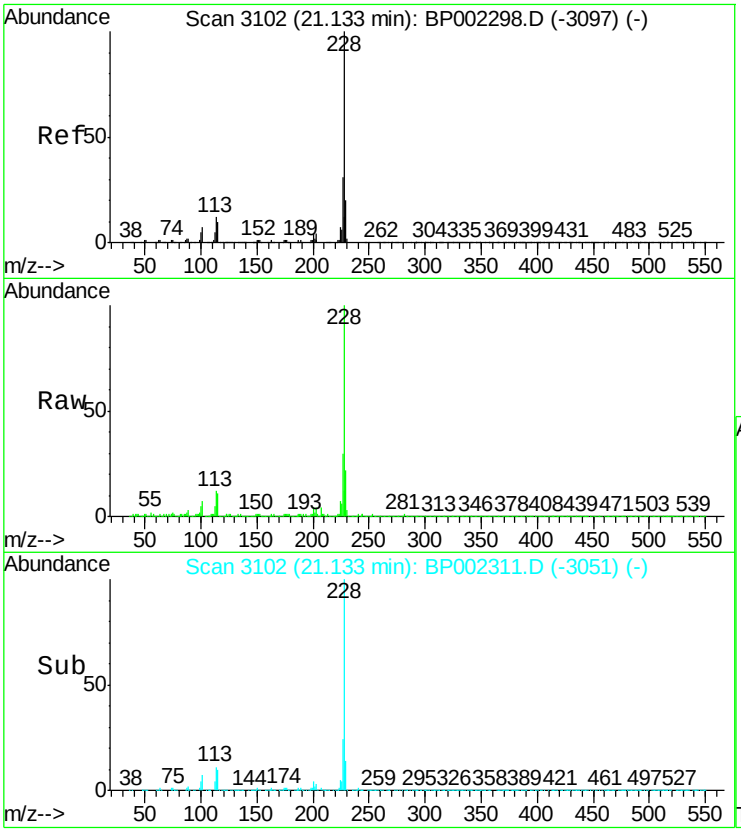


#81
Benzo(a)anthracene
Concen: 11.266 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:228 Resp: 877518

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.4	16.3	24.5



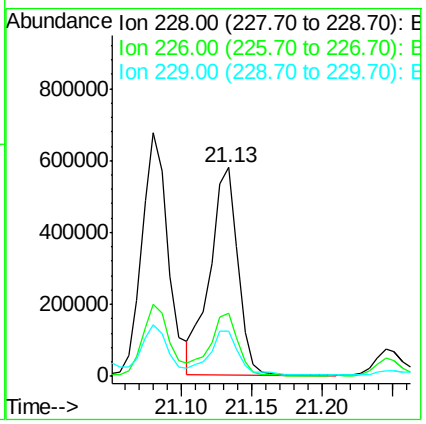


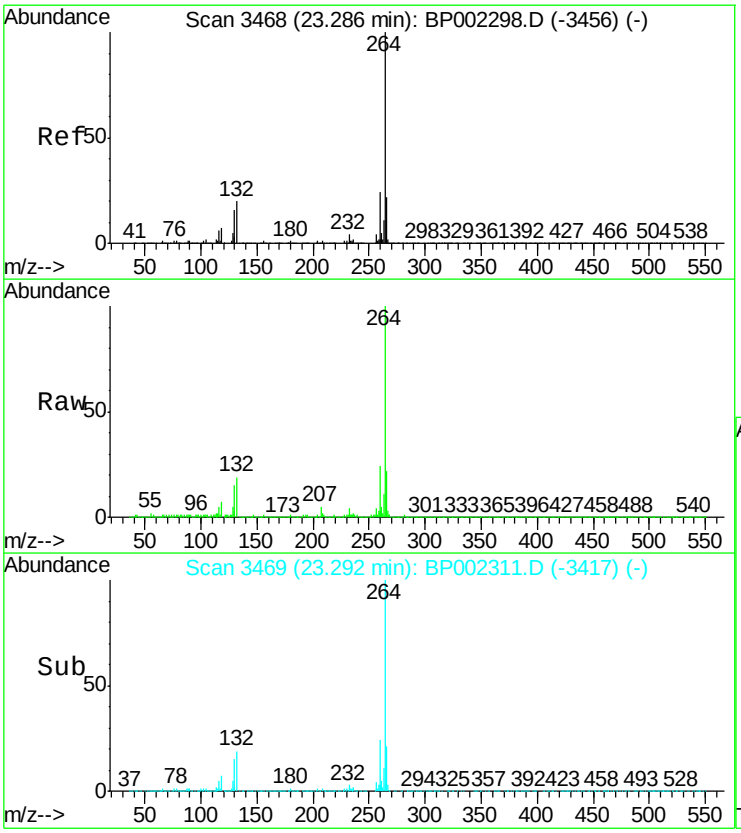
#83
Chrysene
Concen: 10.722 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:228 Resp: 801480

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.6	16.2	24.4

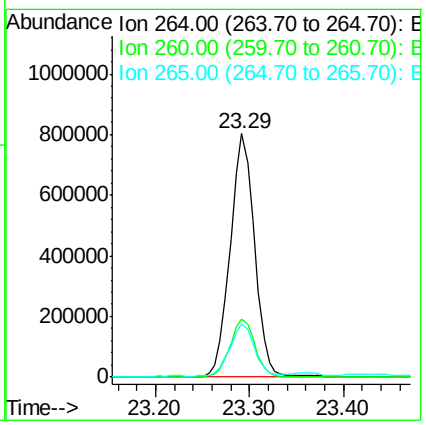


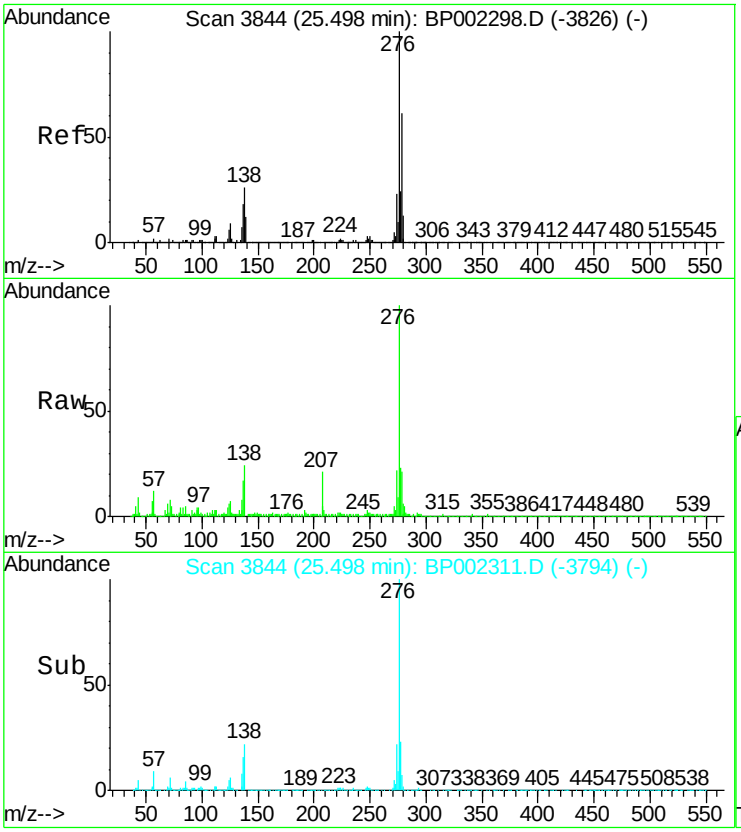


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:264 Resp: 1442216

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.6	17.8	26.6



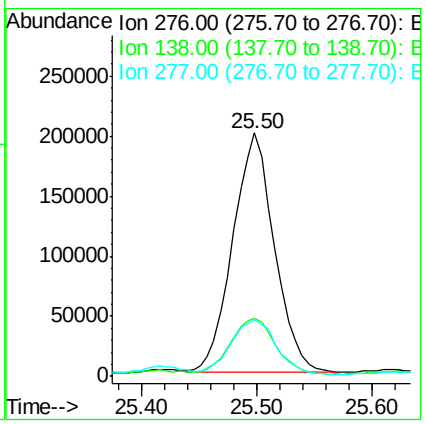


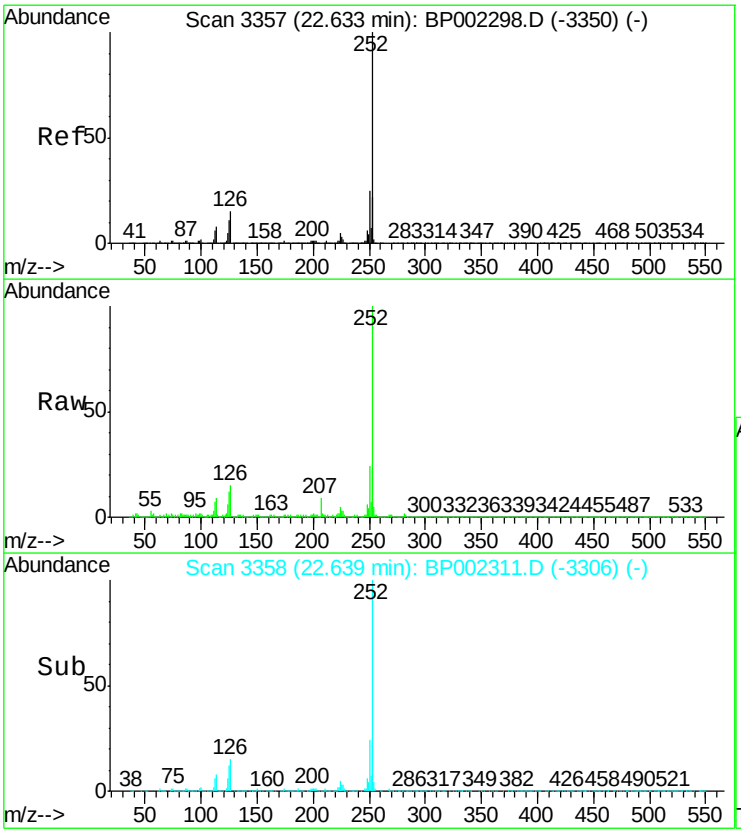
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.589 ng
RT: 25.50 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:276 Resp: 498892

Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.2	27.4
277	25.0	20.2	30.2

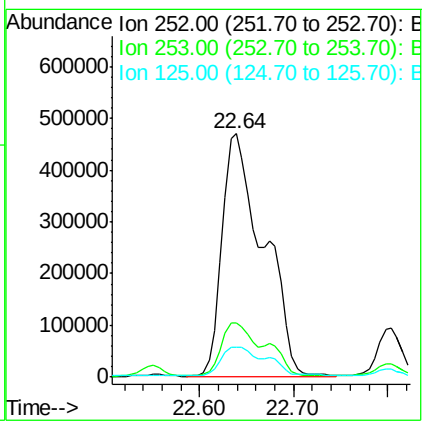


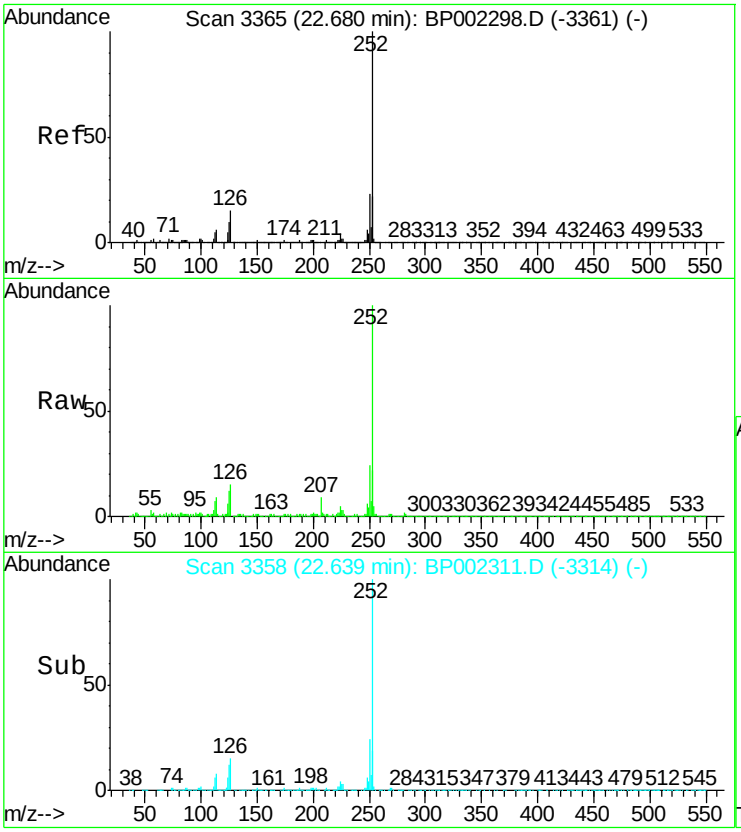


#88
Benzo(b)fluoranthene
Concen: 18.156 ng
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:252 Resp: 1427565

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.5	7.2	10.8#



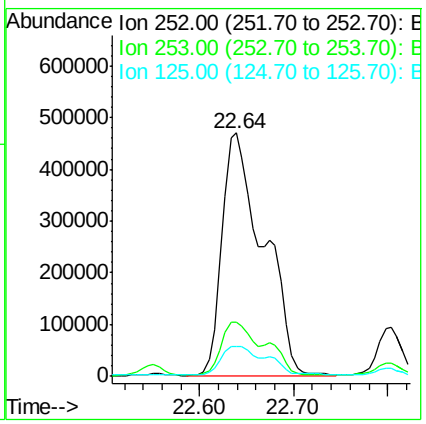


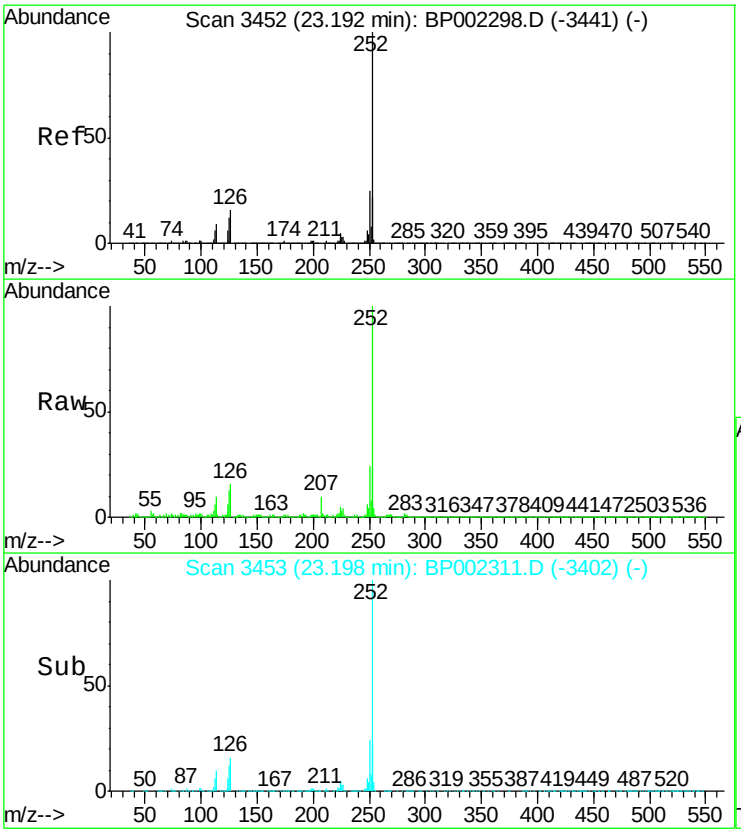
#89
Benzo(k)fluoranthene
Concen: 18.920 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:252 Resp: 1427565

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.5	7.4	11.2#

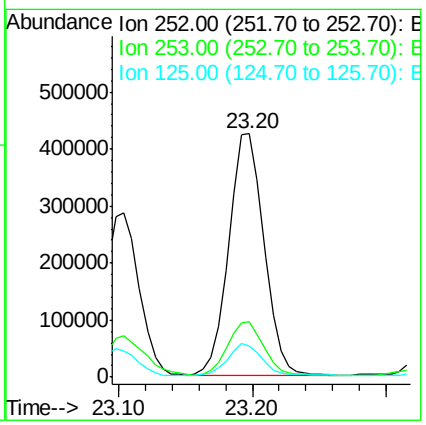


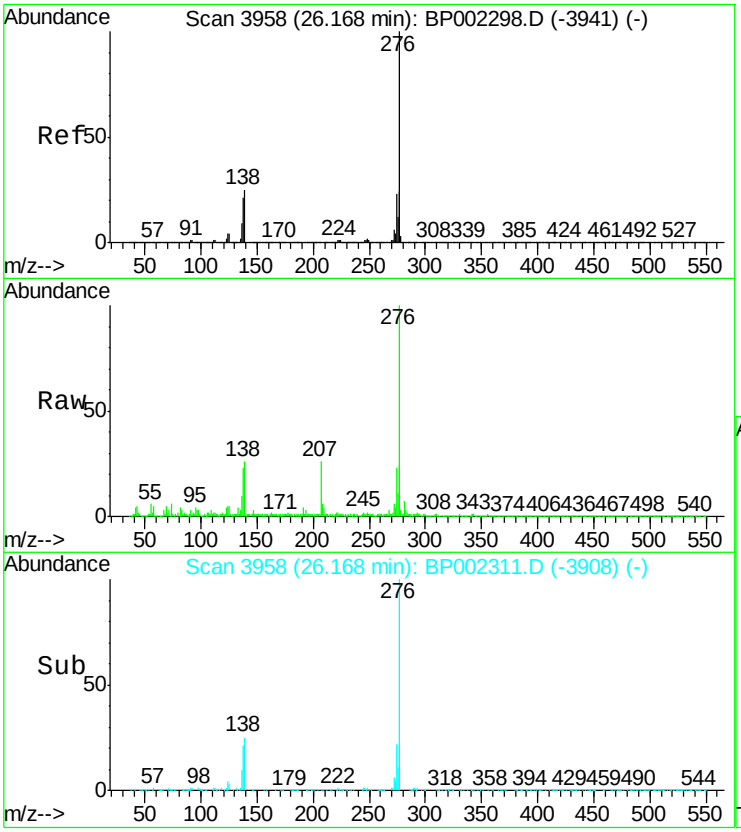


#90
Benzo(a)pyrene
Concen: 10.767 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Tgt Ion:252 Resp: 785332

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.6	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 6.762 ng
RT: 26.17 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BP002311.D
Acq: 28 May 2020 15:58

Instrument :
BNA_P
ClientSampleId :
NM11-COMP-2020-0-6

Tgt Ion:276 Resp: 502037

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	25.8	16.0	24.0#