Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002322.D
Acq On : 29 May 2020 19:10
Operator : CG/JU
Sample : L2773-14 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NM25-COMP-2020-0-6

Quant Time: May 30 01:45:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	339443	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	1396637	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	817954	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1659097	20.00	ng		0.00
76) Chrysene-d12	21.11	240	1496412	20.00	ng		0.00
86) Perylene-d12	23.32	264	1552363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	804506	44.51	ng		0.00
7) Phenol-d6	6.79	99	1177244	47.88	ng		0.00
23) Nitrobenzene-d5	8.75	82	794864	34.22	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	377629	48.71	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1729925	37.32	ng		0.00
79) Terphenyl-d14	19.59	244	2355489	38.12	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.71	163	282002	5.093	ng		100
71) Phenanthrene	17.04	178	186486	2.373	ng		99
75) Fluoranthene	19.03	202	416279	4.599	ng		97
78) Pyrene	19.38	202	387805	4.162	ng		99
81) Benzo(a)anthracene	21.09	228	218769	2.554	ng		97
83) Chrysene	21.14	228	205060	2.494	ng		98
88) Benzo(b)fluoranthene	22.66	252	298849	3.531	ng	#	96
90) Benzo(a)pyrene	23.22	252	213244	2.716	ng	#	94

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

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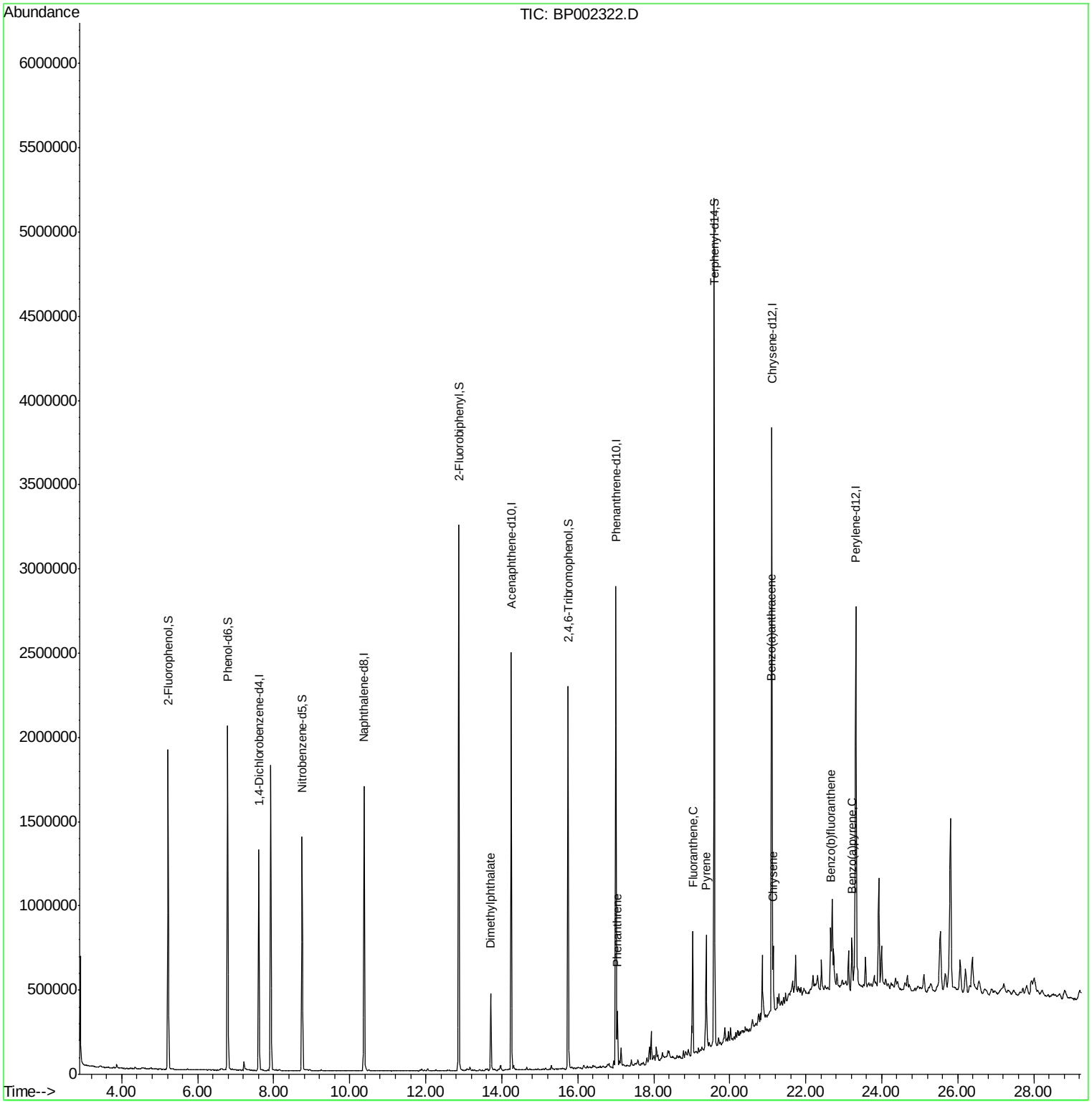
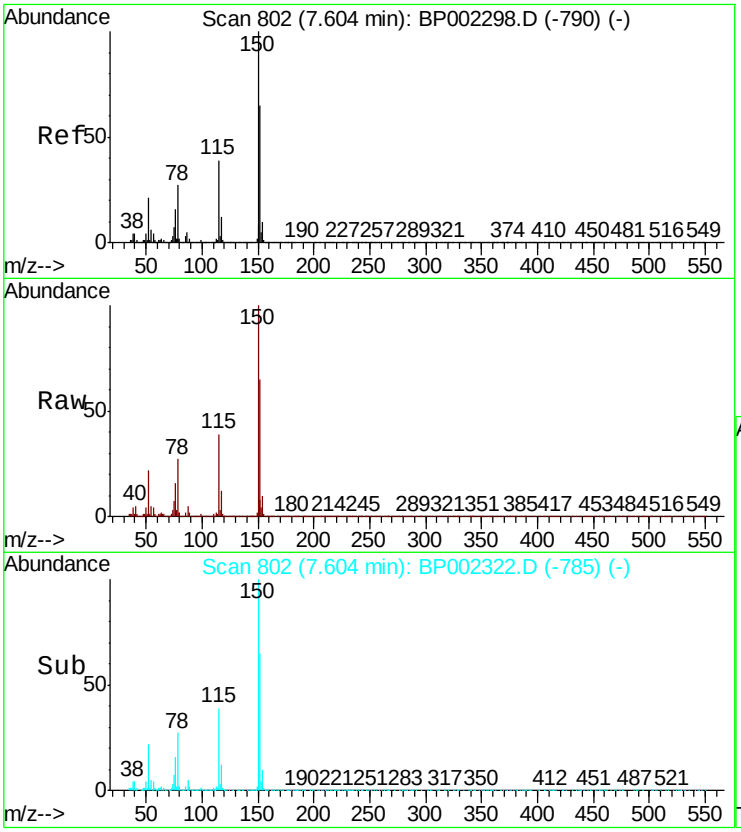


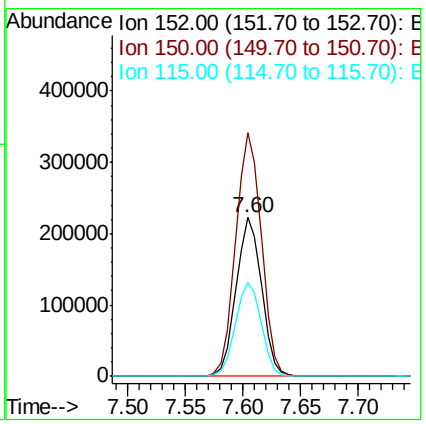


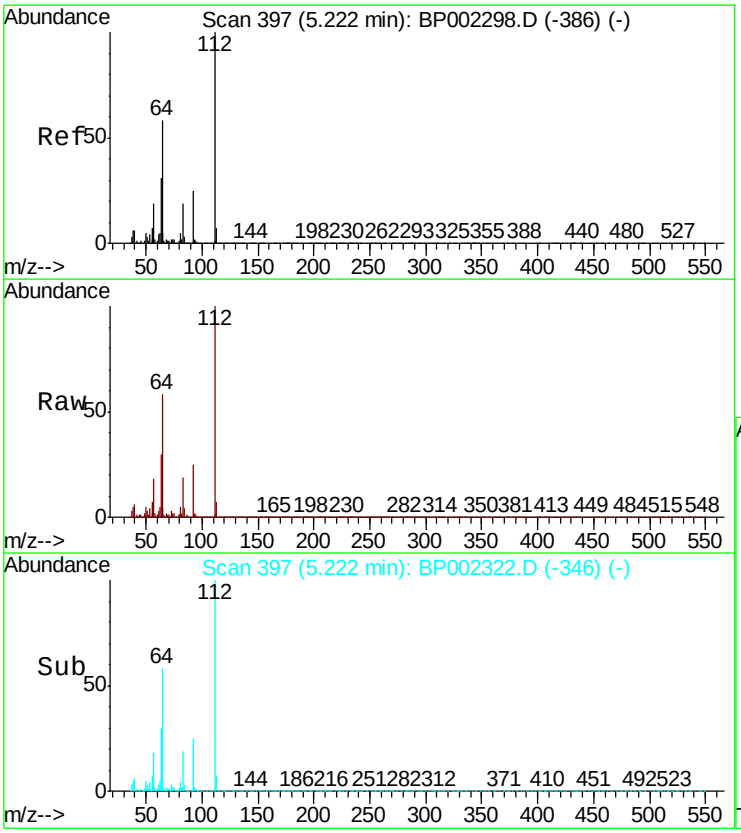
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:152 Resp: 339443

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.7	187.1
115	59.4	49.4	74.2

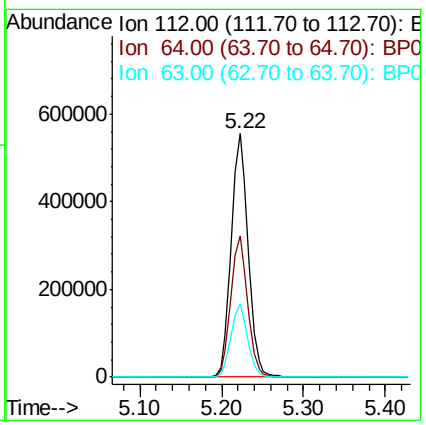


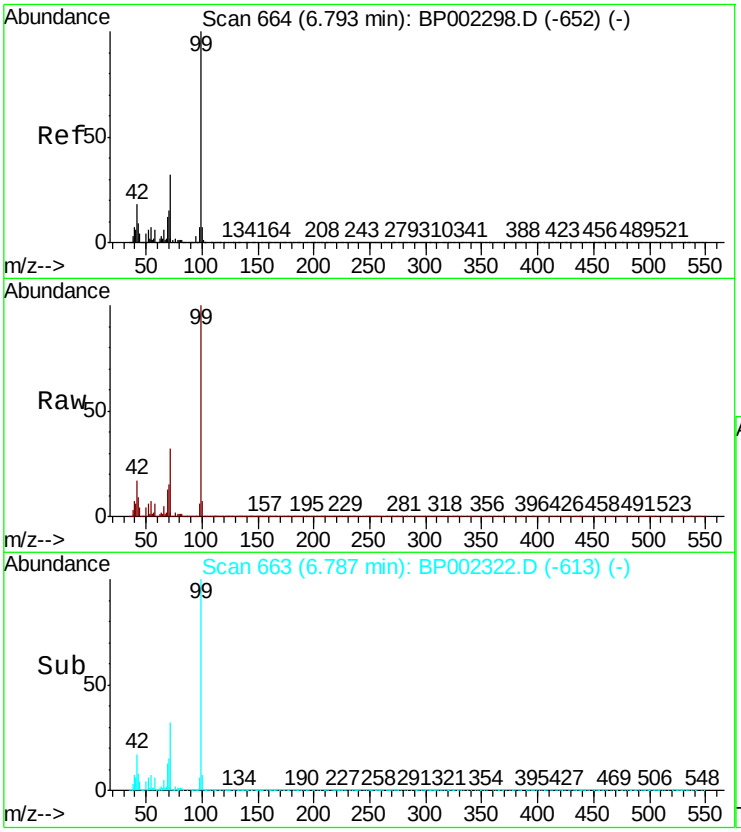


#5
2-Fluorophenol
Concen: 44.513 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:112 Resp: 804506

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.0	70.4
63	30.0	24.0	36.0



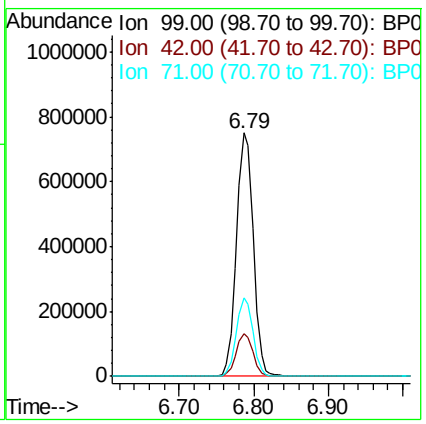


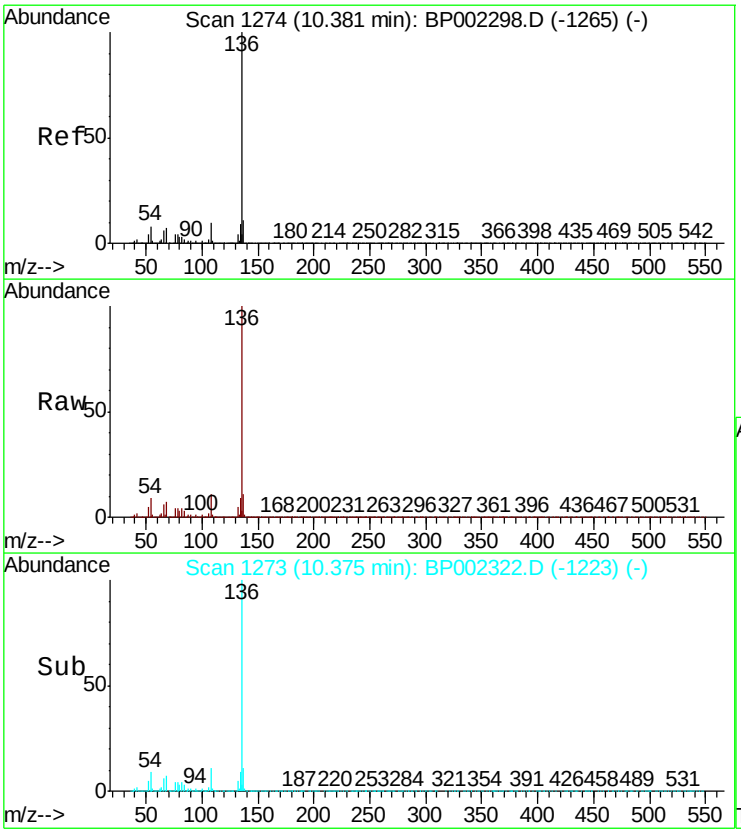
#7
Phenol-d6
Concen: 47.883 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion: 99 Resp: 1177244

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	32.2	25.8	38.8

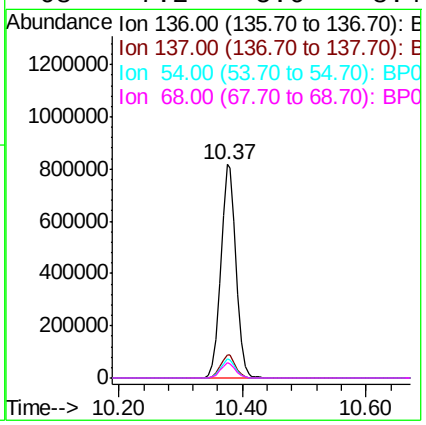


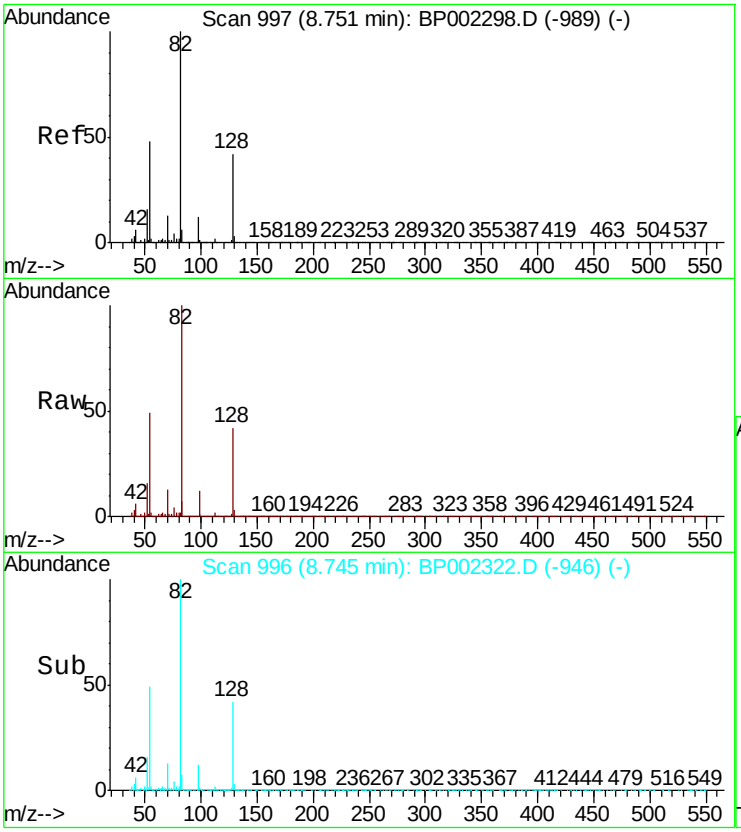


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:136 Resp: 1396637

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	6.9	10.3
68	7.2	5.6	8.4



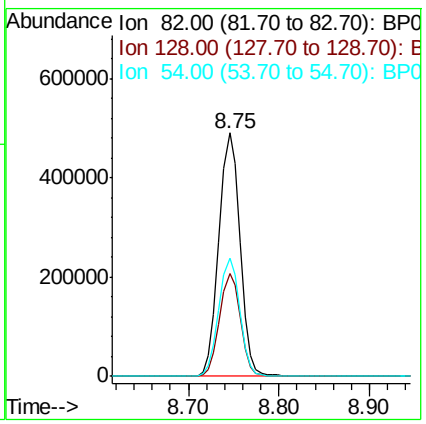


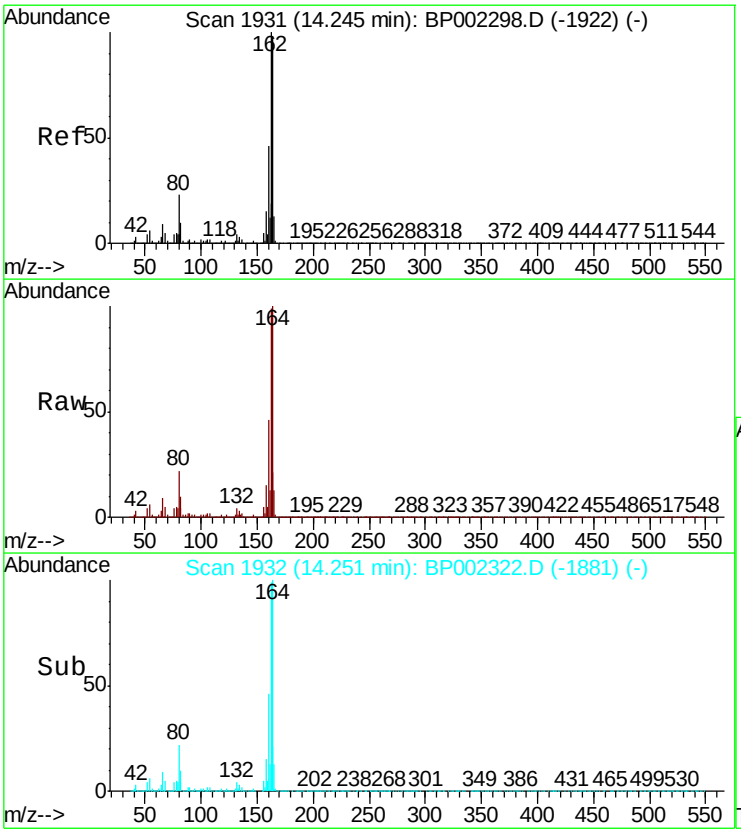
#23
Nitrobenzene-d5
Concen: 34.217 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion: 82 Resp: 794864

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	48.7	38.3	57.5

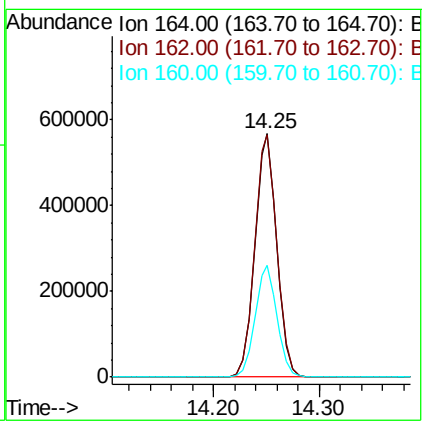


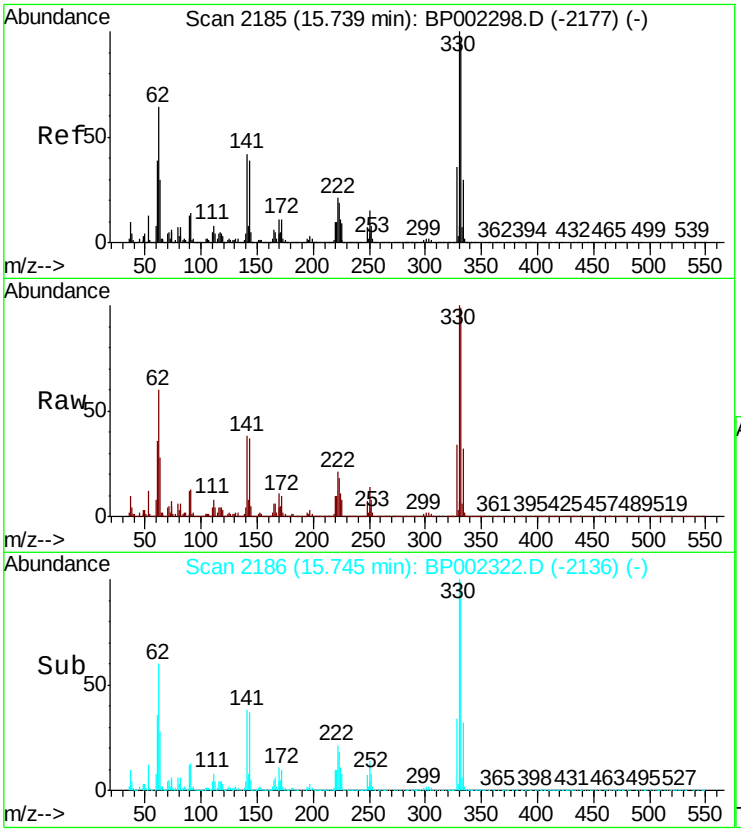


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:164 Resp: 817954

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.3	121.9
160	45.8	37.2	55.8



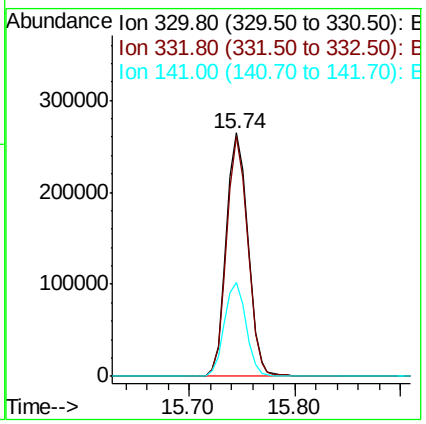


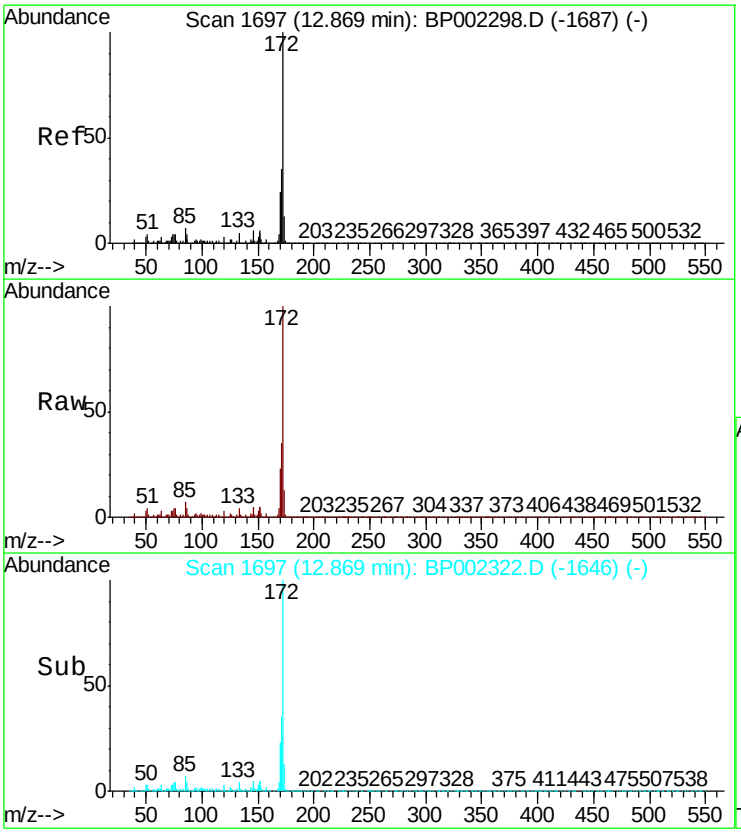
#42
2,4,6-Tribromophenol
Concen: 48.712 ng
RT: 15.74 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:330 Resp: 377629

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	38.3	31.4	47.2

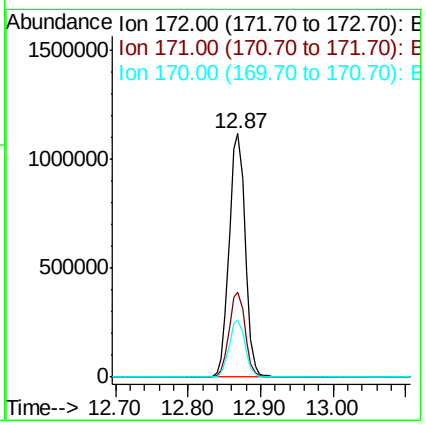


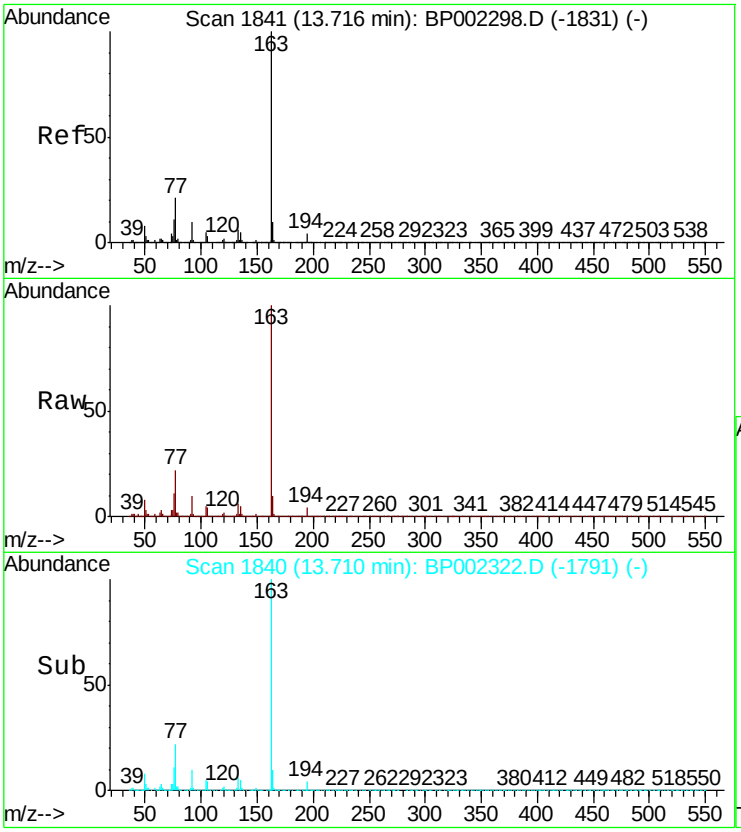


#45
2-Fluorobiphenyl
Concen: 37.319 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:172 Resp: 1729925

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.4	18.9	28.3



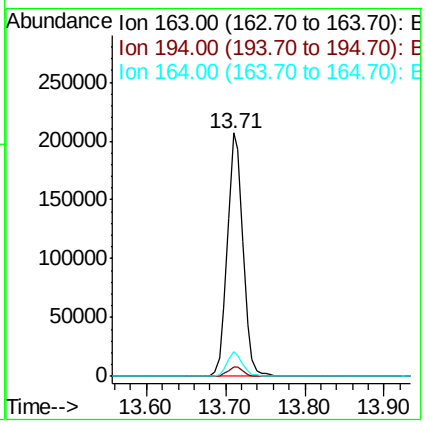


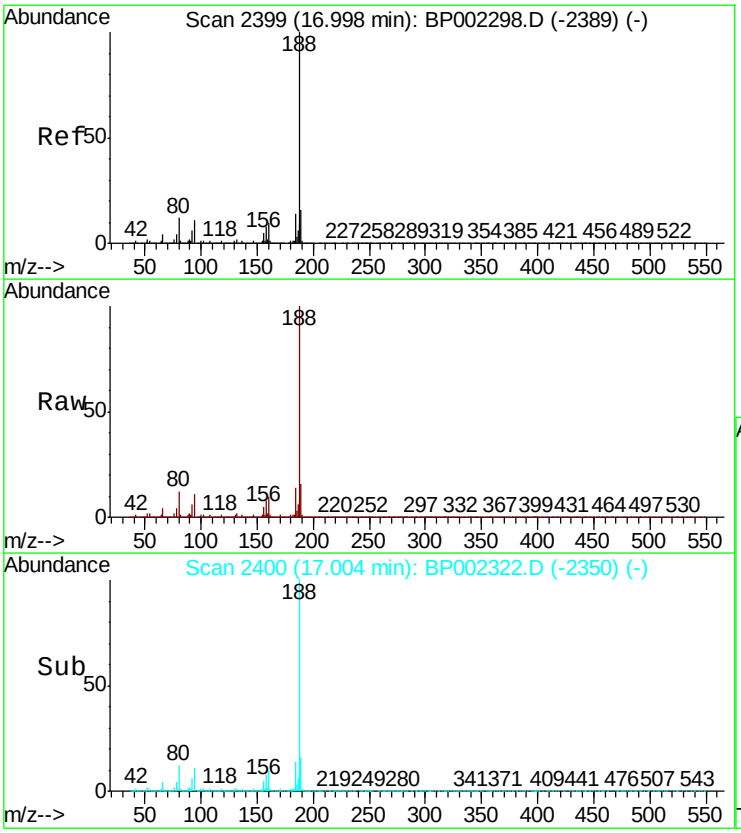
#50
Dimethylphthalate
Concen: 5.093 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:163 Resp: 282002

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.1	12.1

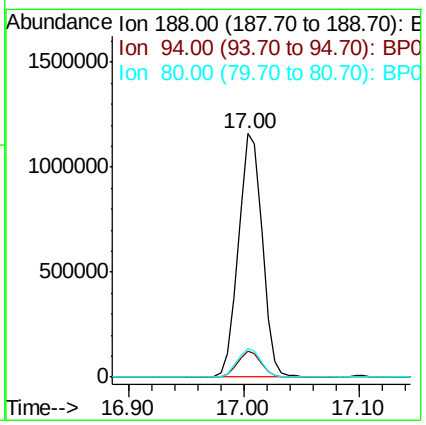


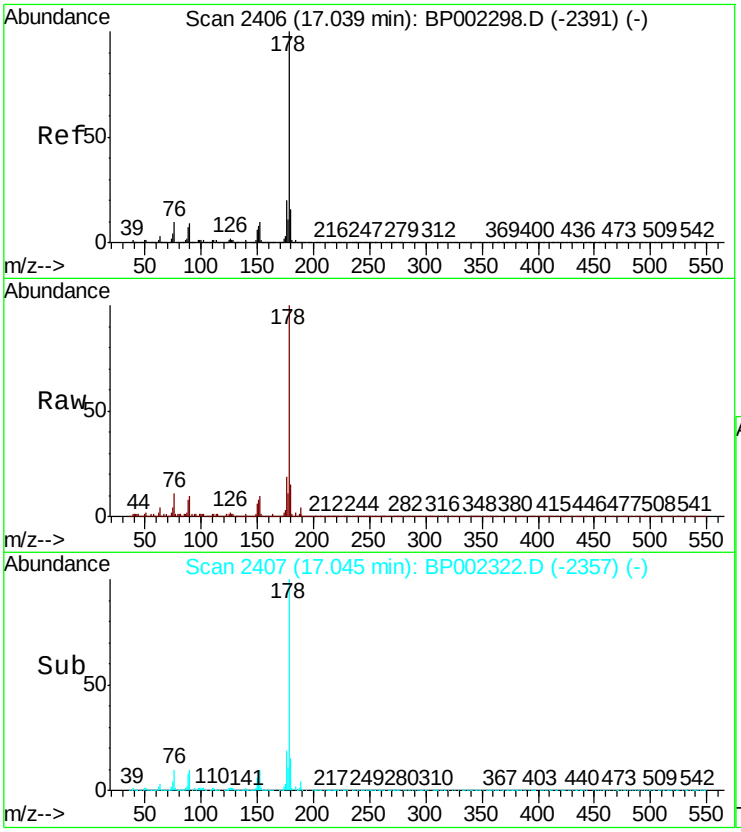


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:188 Resp: 1659097

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.7	13.1
80	11.7	9.3	13.9



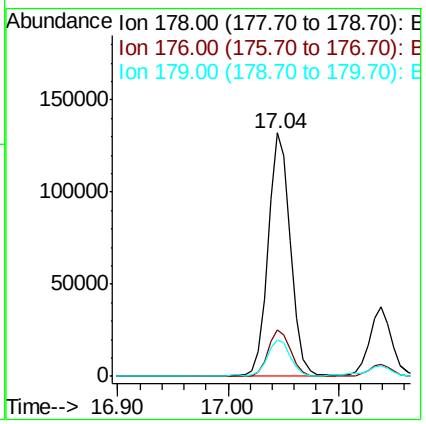


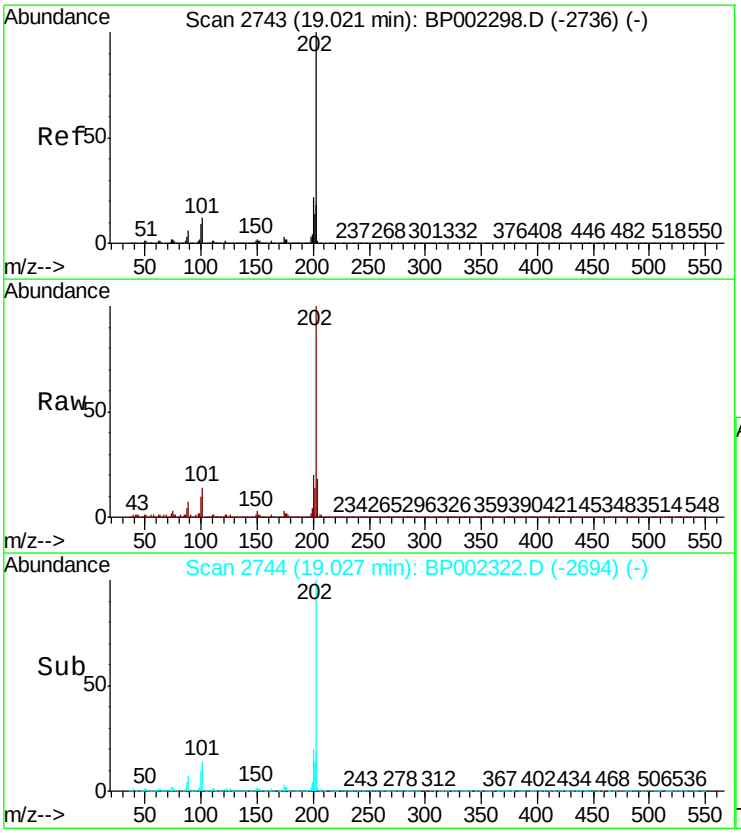
#71
Phenanthrene
Concen: 2.373 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:178 Resp: 186486

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.1	12.6	18.8

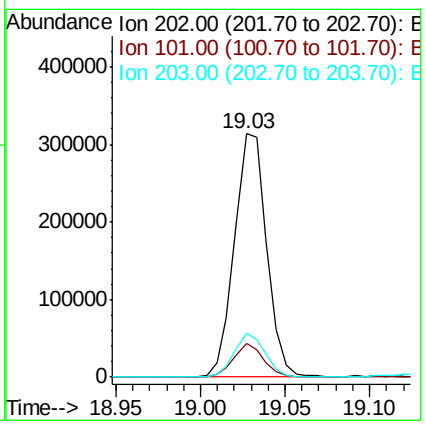


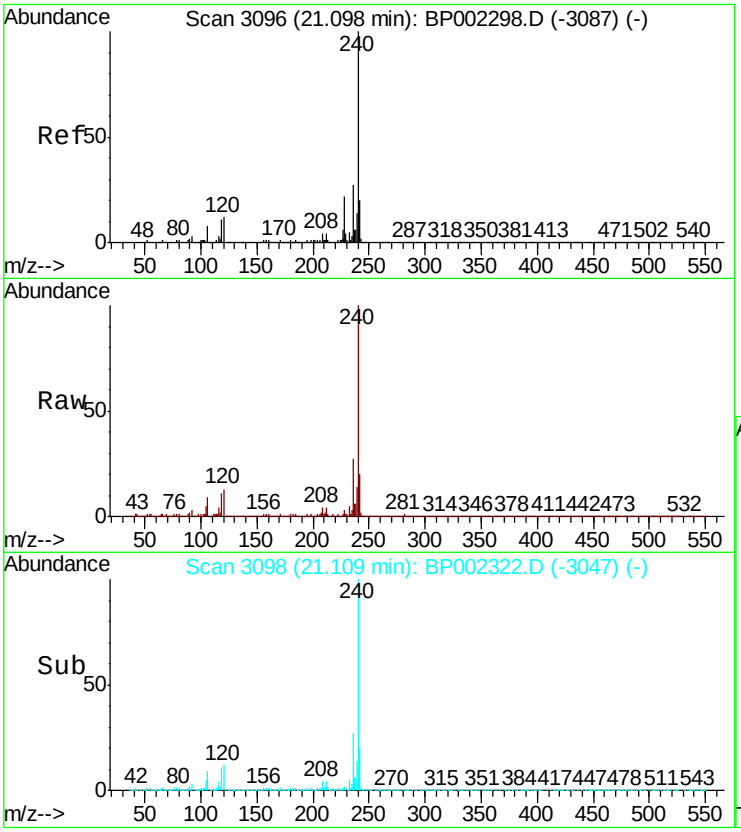


#75
Fluoranthene
Concen: 4.599 ng
RT: 19.03 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:202 Resp: 416279

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	32.1
203	18.2	0.0	37.6



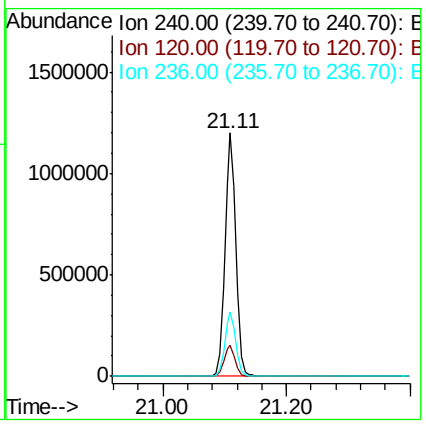


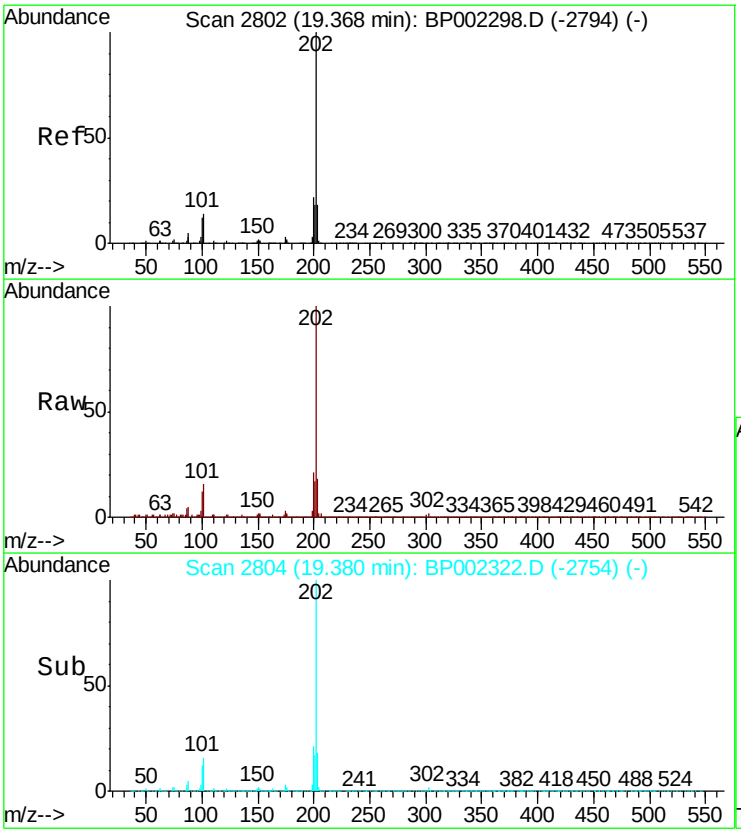
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:240 Resp: 1496412

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.7	13.1
236	26.6	21.0	31.4

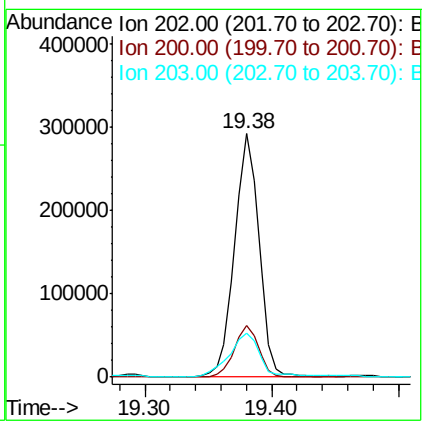


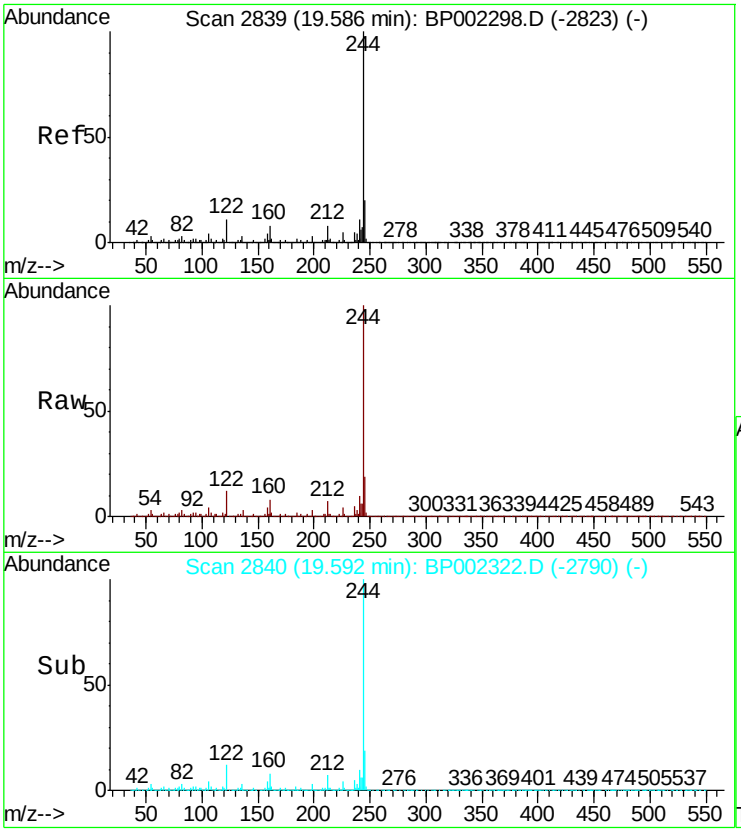


#78
Pyrene
Concen: 4.162 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:202 Resp: 387805

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	17.9	13.8	20.6



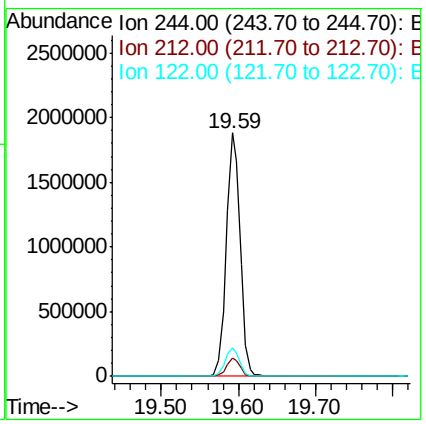


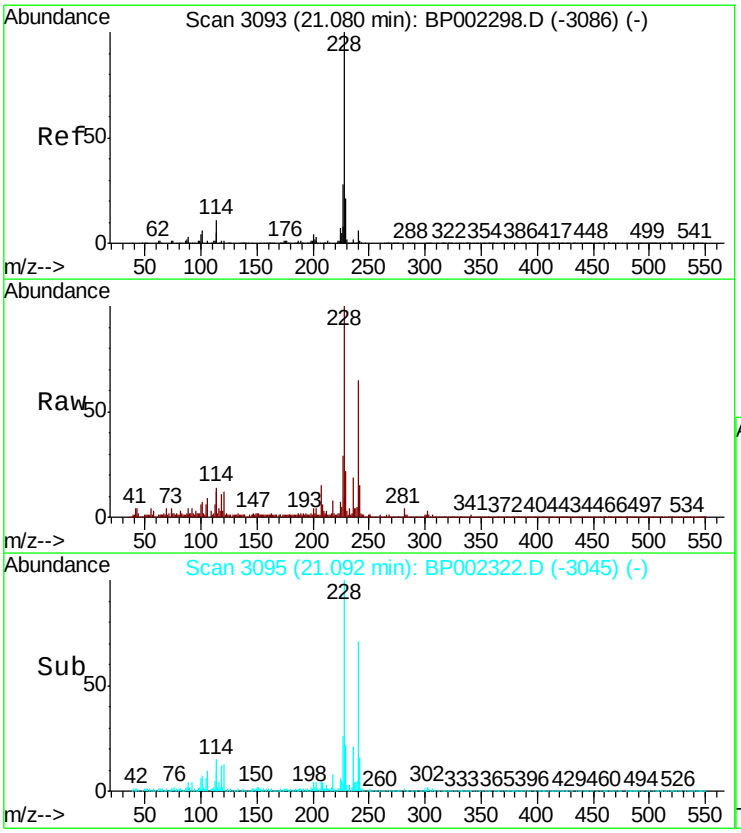
#79
Terphenyl-d14
Concen: 38.120 ng
RT: 19.59 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:244 Resp: 2355489

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	11.5	9.4	14.0

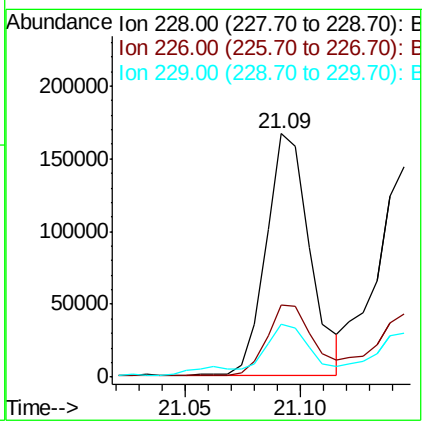


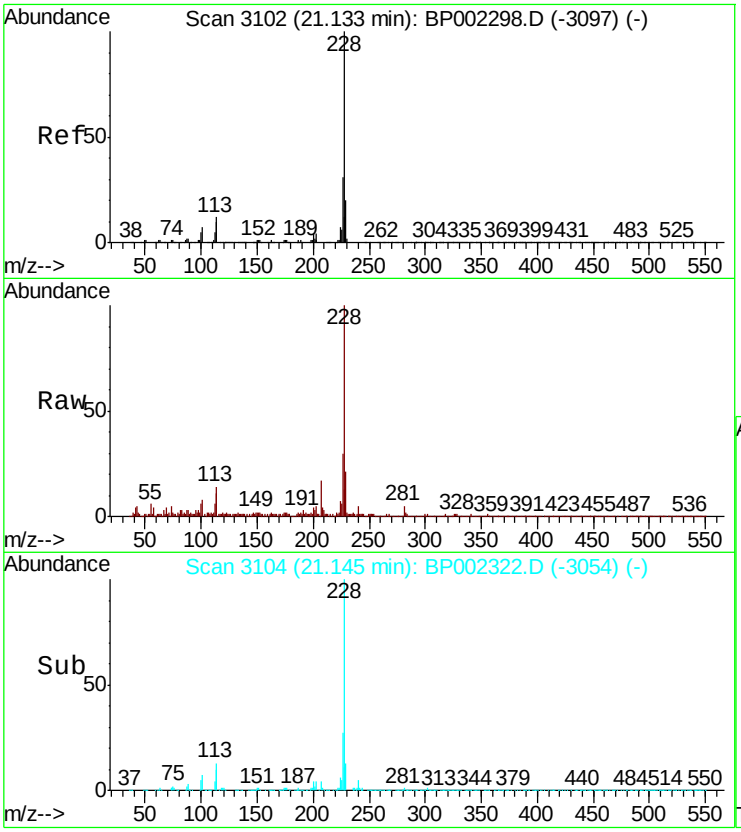


#81
Benzo(a)anthracene
Concen: 2.554 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:228 Resp: 218769

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.9	16.3	24.5



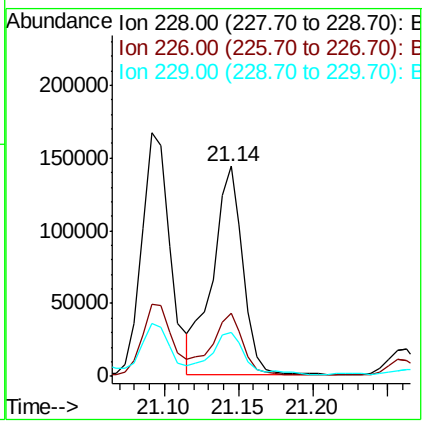


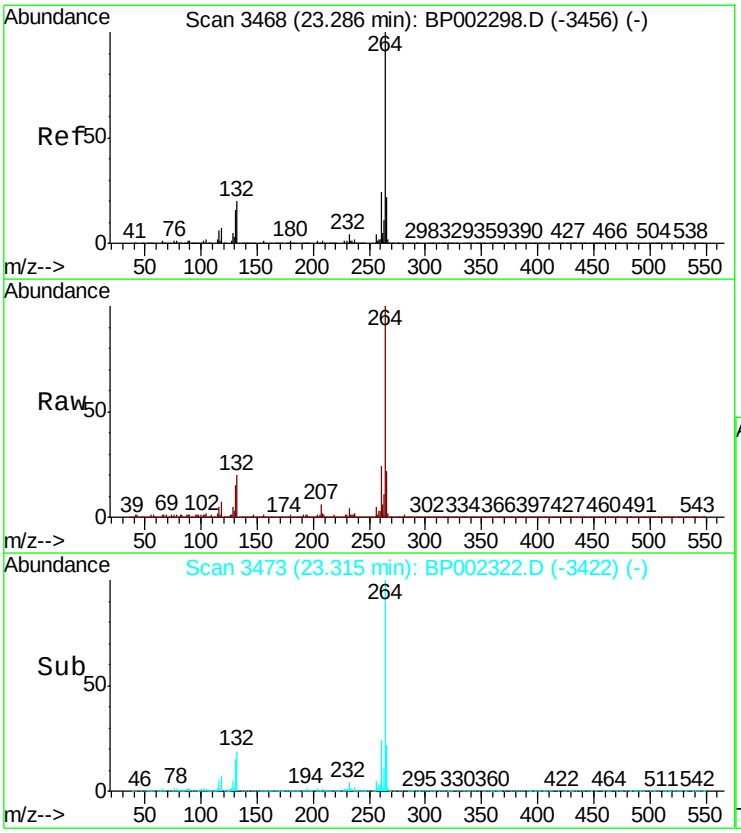
#83
Chrysene
Concen: 2.494 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:228 Resp: 205060

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.0	16.2	24.4

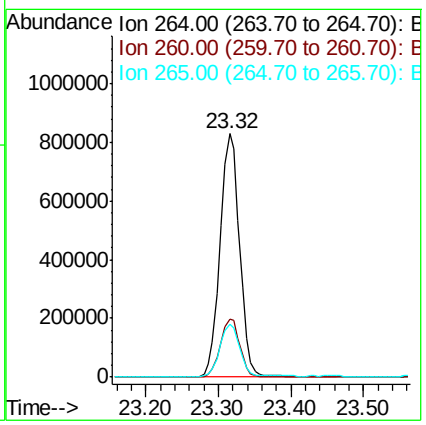


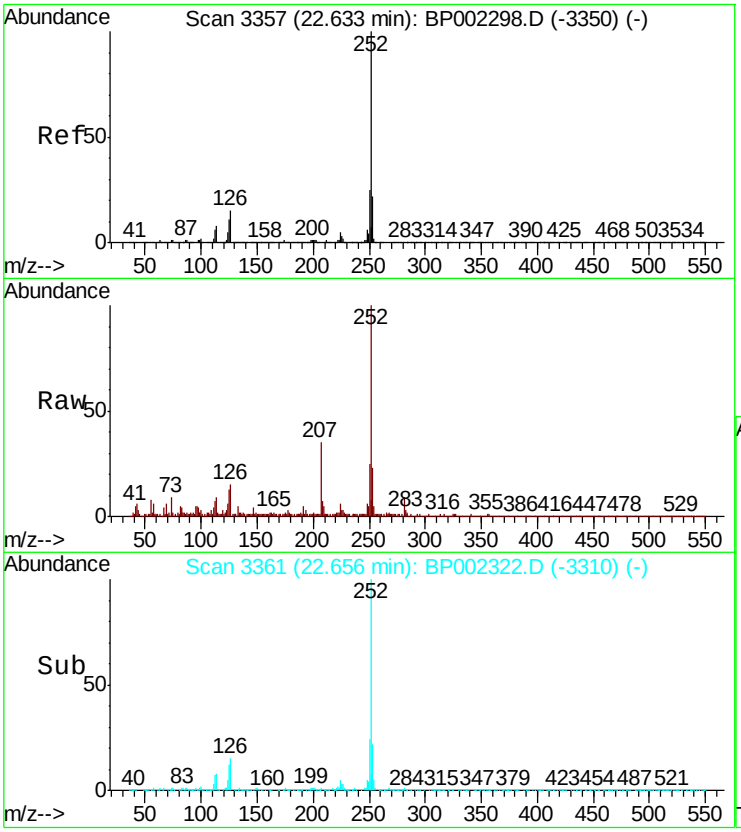


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:264 Resp: 1552363

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	17.8	26.6



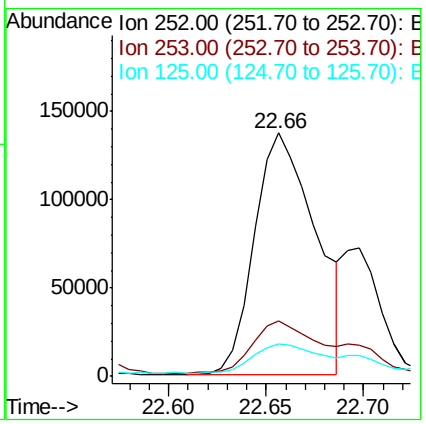


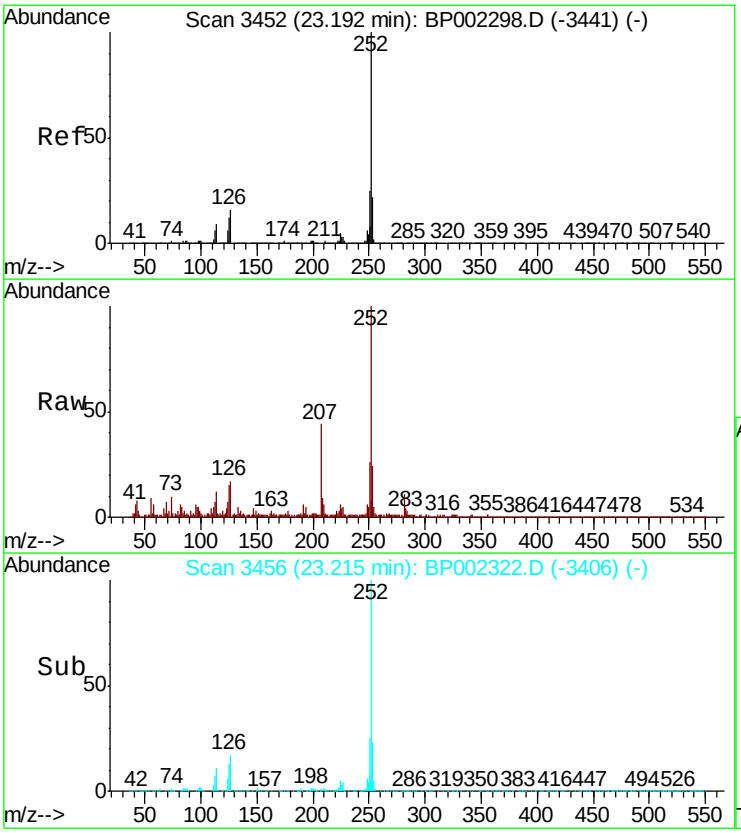
#88
Benzo(b)fluoranthene
Concen: 3.531 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Instrument :
BNA_P
ClientSampleId :
NM25-COMP-2020-0-6

Tgt Ion:252 Resp: 298849

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.1	7.2	10.8#





#90
Benzo(a)pyrene
Concen: 2.716 ng
RT: 23.22 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP002322.D
Acq: 29 May 2020 19:10

Tgt Ion:252 Resp: 213244

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.9	8.4	12.6#