Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002442.D
Acq On : 18 Jun 2020 15:35
Operator : CG/JU
Sample : L3024-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-16

Quant Time: Jun 18 16:43:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	144357	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	603414	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	370903	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	811713	20.00	ng		0.00
76) Chrysene-d12	21.09	240	799744	20.00	ng		-0.02
86) Perylene-d12	23.29	264	840154	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	783365	100.41	ng		0.00
7) Phenol-d6	6.78	99	1098873	105.80	ng		0.00
23) Nitrobenzene-d5	8.73	82	738767	73.11	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	380093	107.03	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1604304	72.73	ng		0.00
79) Terphenyl-d14	19.58	244	2402420	73.44	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.71	77	384	Below Cal		#	58
32) Benzoic acid	9.72	122	13	4.601	ng	#	1
50) Dimethylphthalate	13.70	163	141941	5.585	ng		99
54) 2,4-Dinitrophenol	14.35	184	9	2.789	ng	#	1
61) 4-Chlorophenyl-phenylether	15.18	204	30	Below Cal			91
74) Di-n-butylphthalate	17.98	149	611345	13.922	ng		99
75) Fluoranthene	19.02	202	126276	2.786	ng		99
78) Pyrene	19.37	202	121741	2.485	ng		97
88) Benzo(b)fluoranthene	22.64	252	142134	3.137	ng	#	96
89) Benzo(k)fluoranthene	22.64	252	142134	3.302	ng	#	95

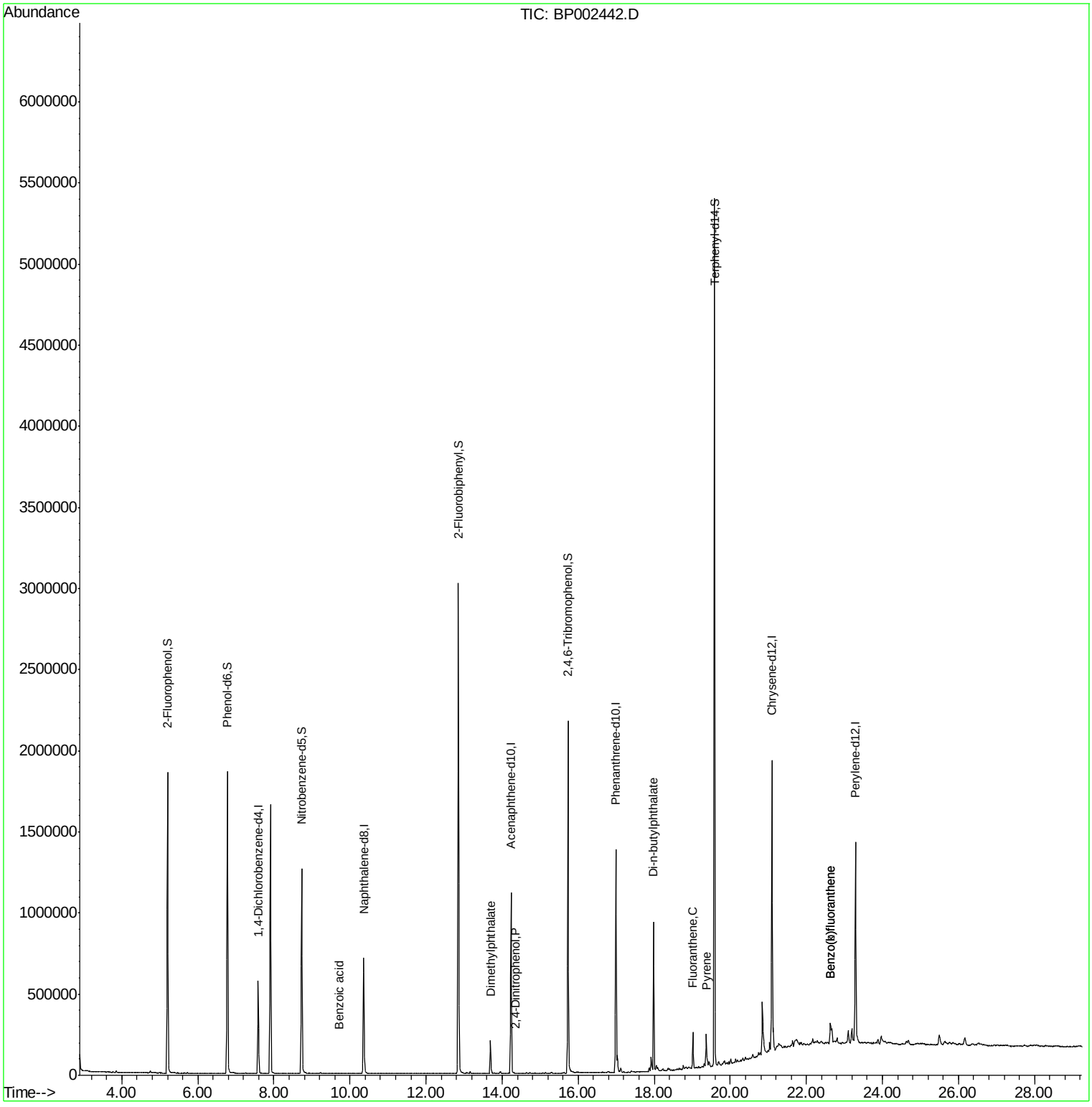
(#) = qualifier out of range (m) = manual integration (+) = signals summed

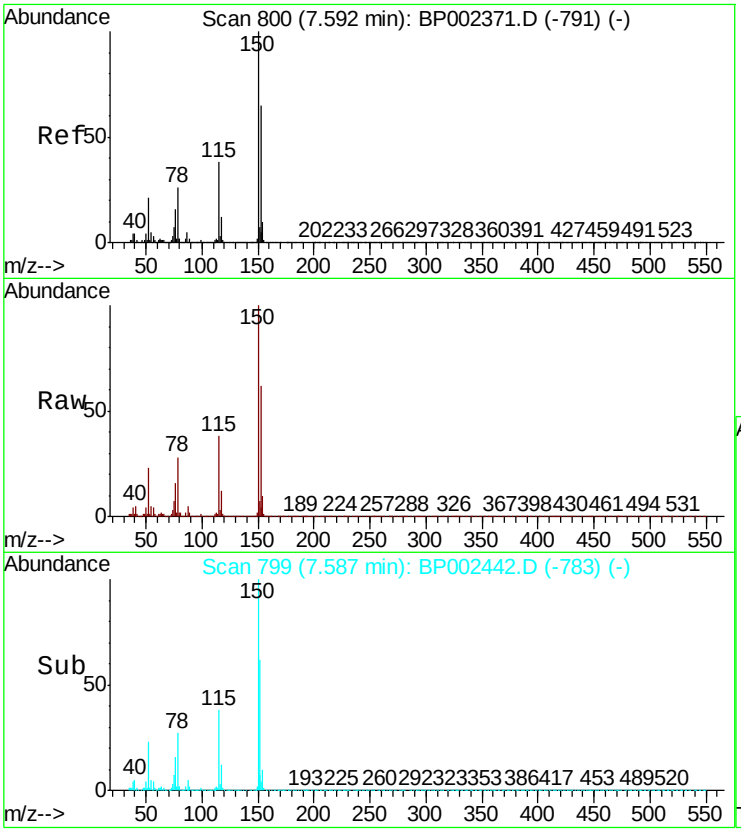
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002442.D
Acq On : 18 Jun 2020 15:35
Operator : CG/JU
Sample : L3024-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RO-16

Quant Time: Jun 18 16:43:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration



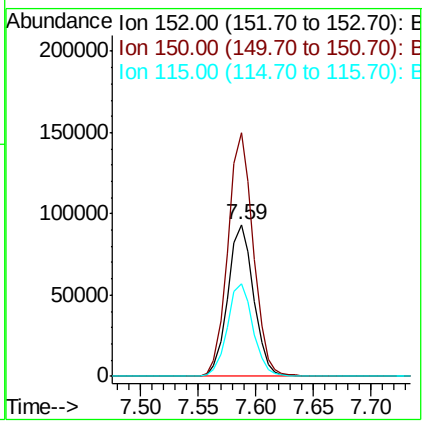


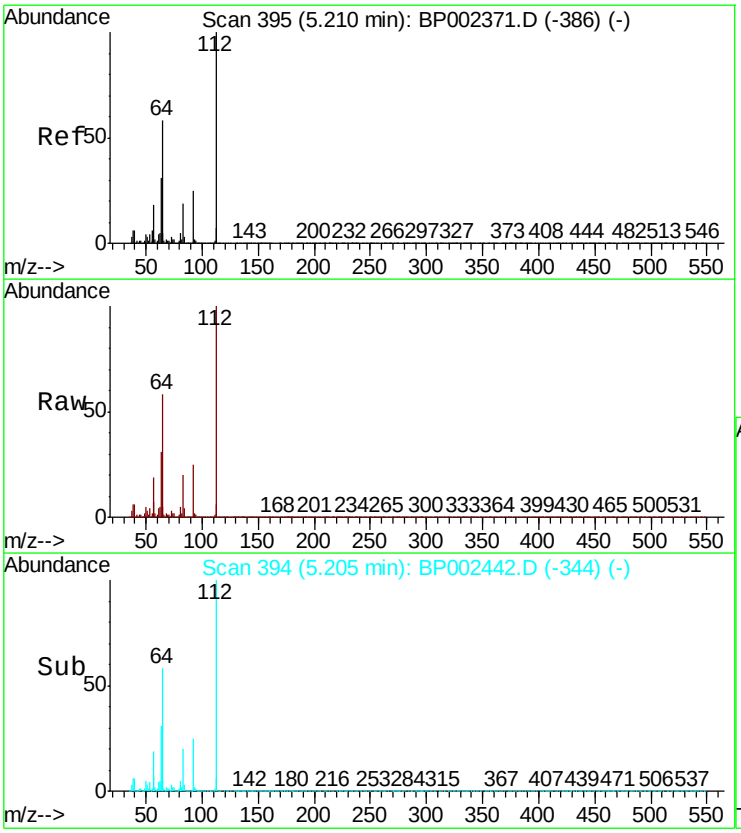
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:152 Resp: 144357

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.0	186.0
115	60.9	47.4	71.0

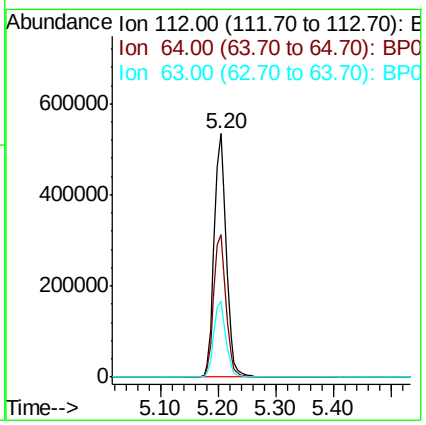


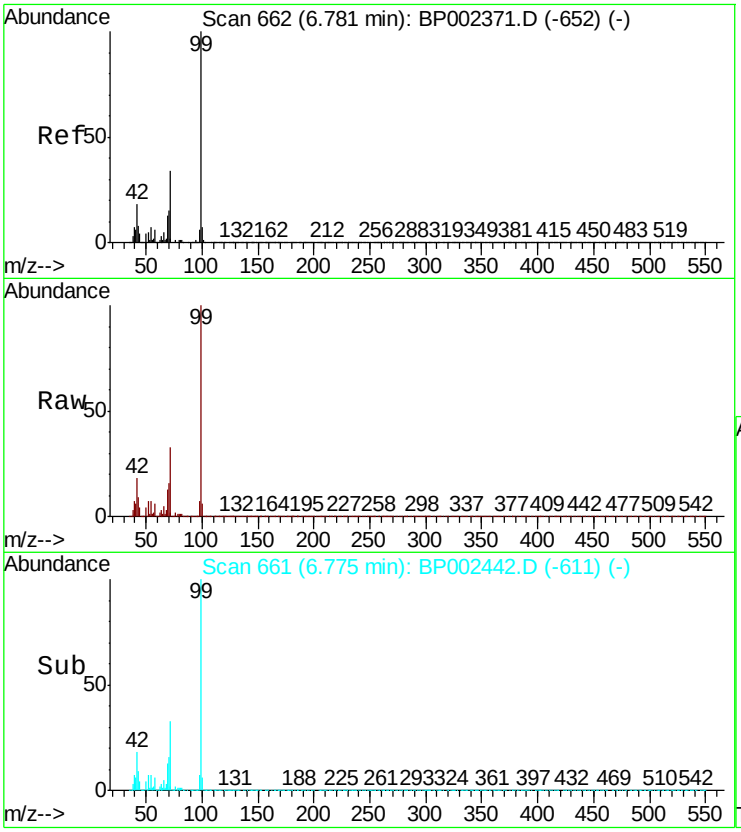


#5
2-Fluorophenol
Concen: 100.414 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:112 Resp: 783365

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.2	69.2
63	30.9	24.5	36.7



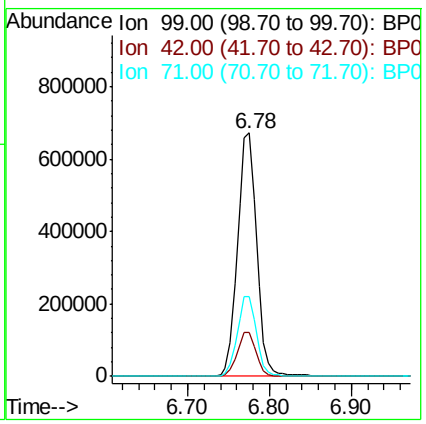


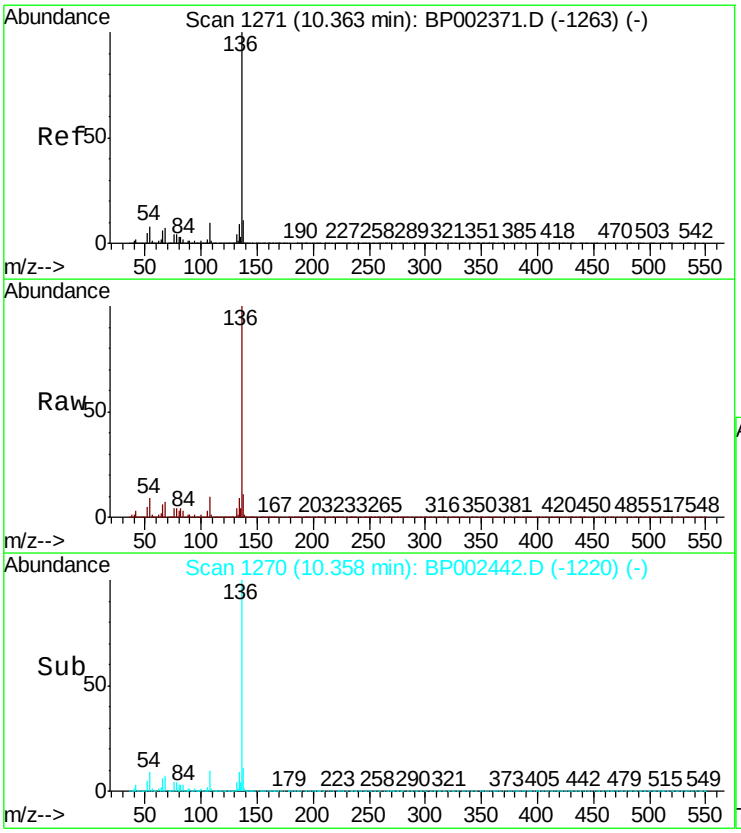
#7
Phenol-d6
Concen: 105.797 ng
RT: 6.78 min Scan# 661
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion: 99 Resp: 1098873

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	22.0
71	32.6	27.2	40.8

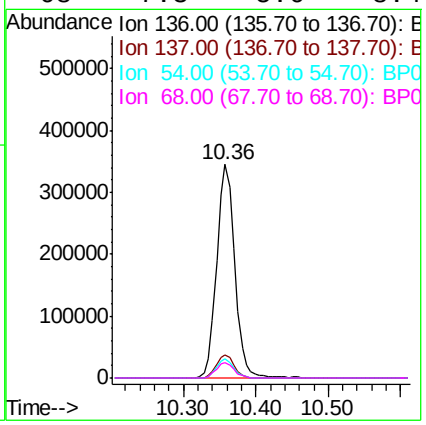


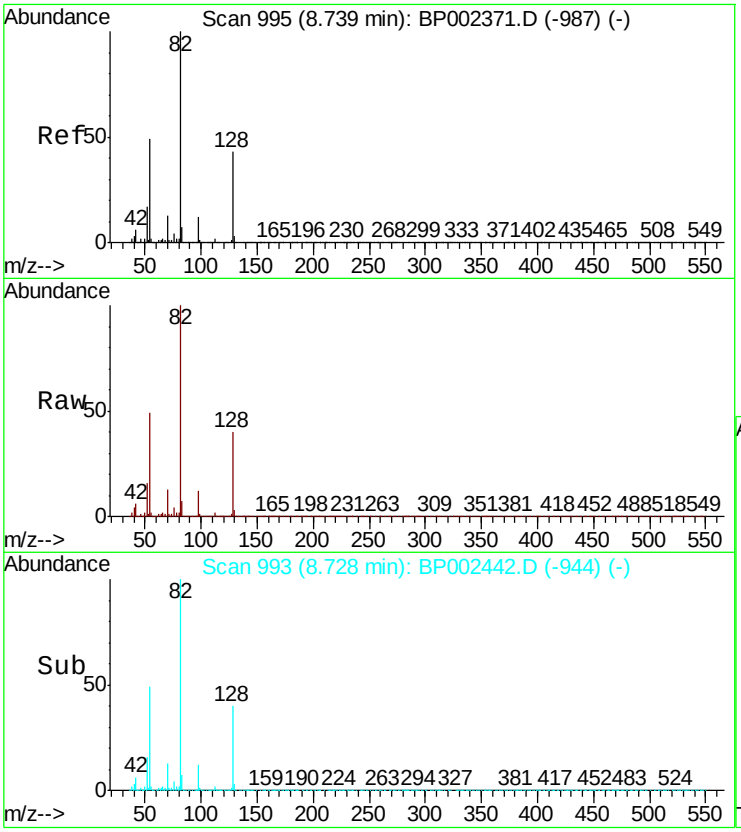


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:136 Resp: 603414

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.7	6.4	9.6
68	7.3	5.6	8.4



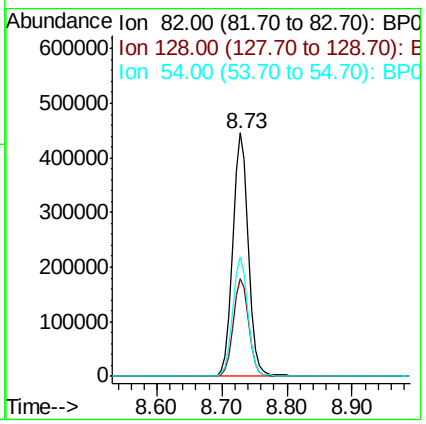


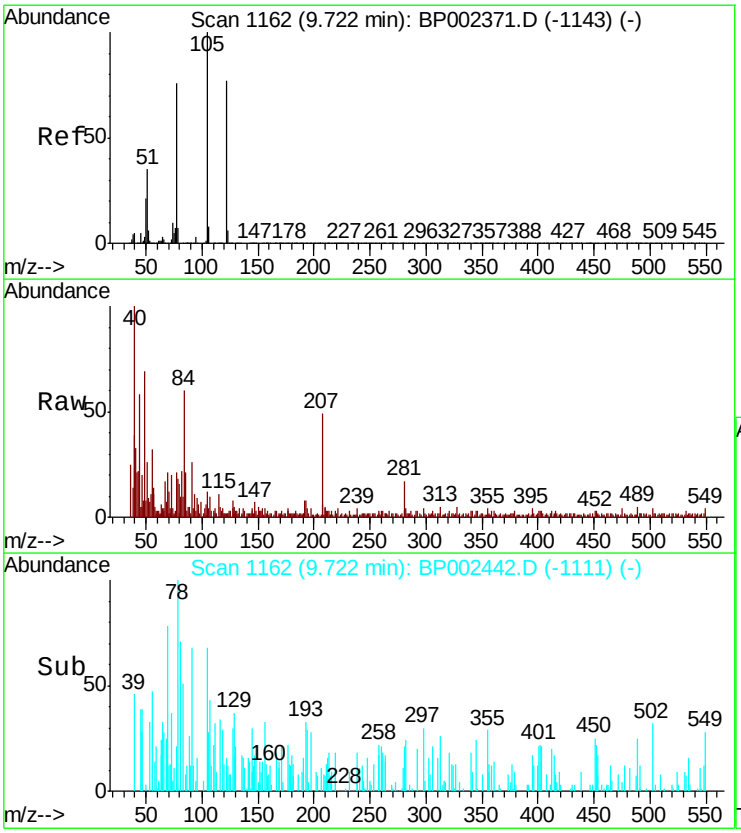
#23
Nitrobenzene-d5
Concen: 73.115 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion: 82 Resp: 738767

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.5	51.7
54	48.9	39.4	59.2

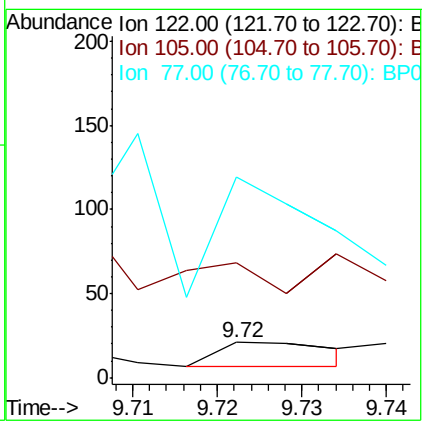


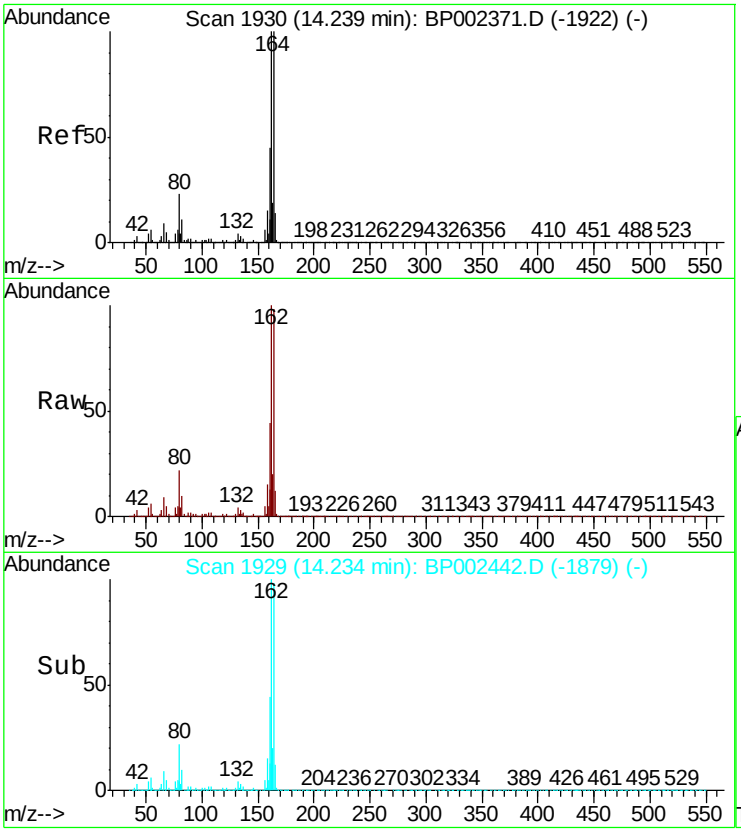


#32
Benzoic acid
Concen: 4.601 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:122 Resp: 13

Ion	Ratio	Lower	Upper
122	100		
105	323.8	106.3	146.3#
77	566.7	77.5	117.5#



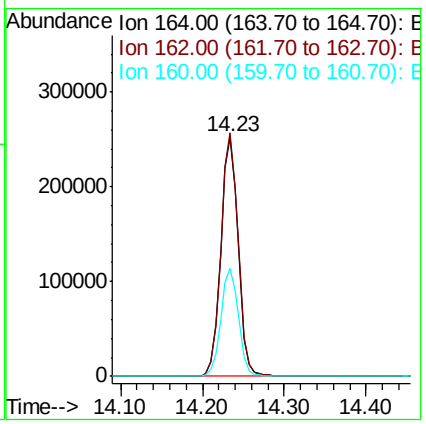


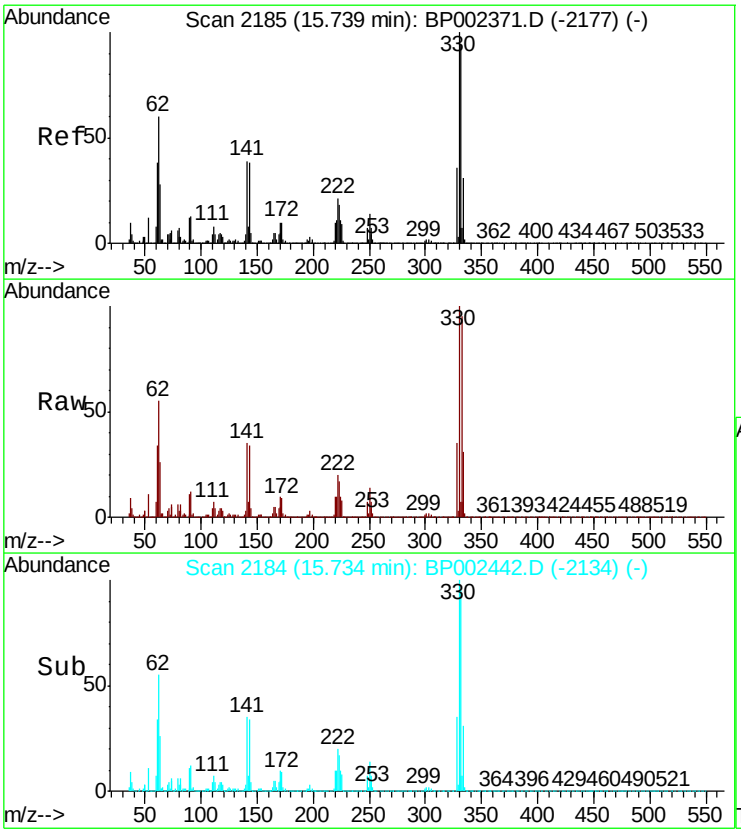
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:164 Resp: 370903

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.8	119.8
160	45.1	36.2	54.2

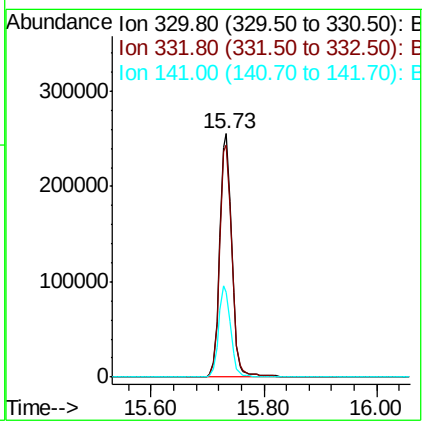


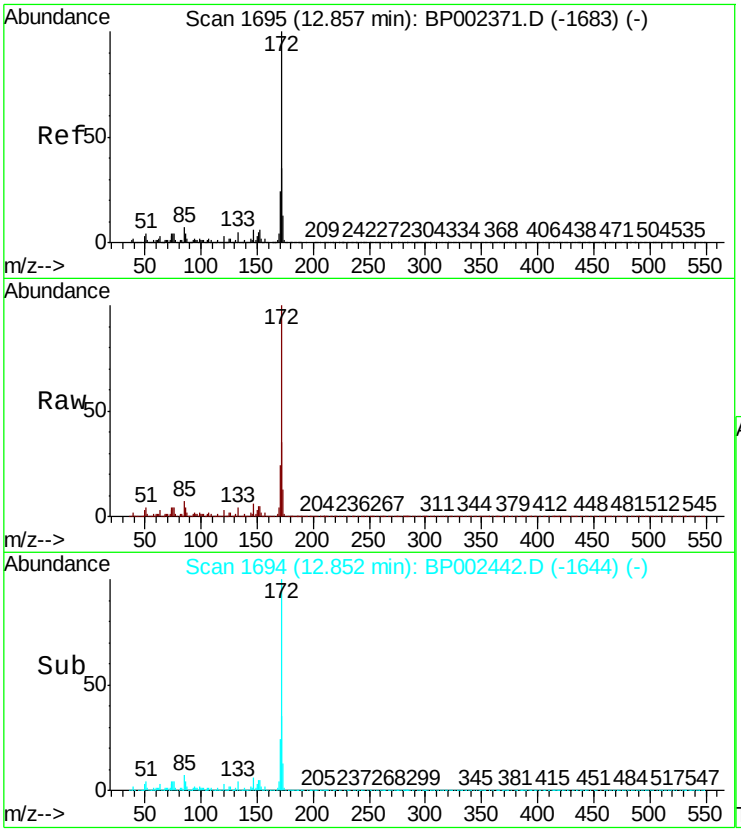


#42
2,4,6-Tribromophenol
Concen: 107.034 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:330 Resp: 380093

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	37.8	30.3	45.5



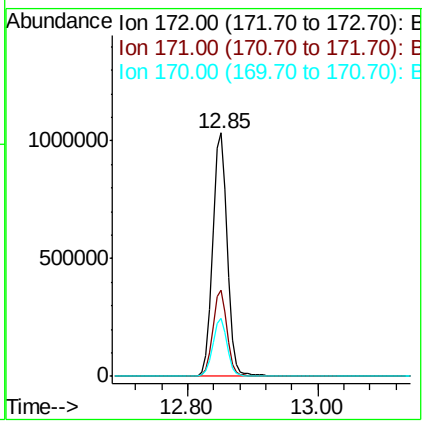


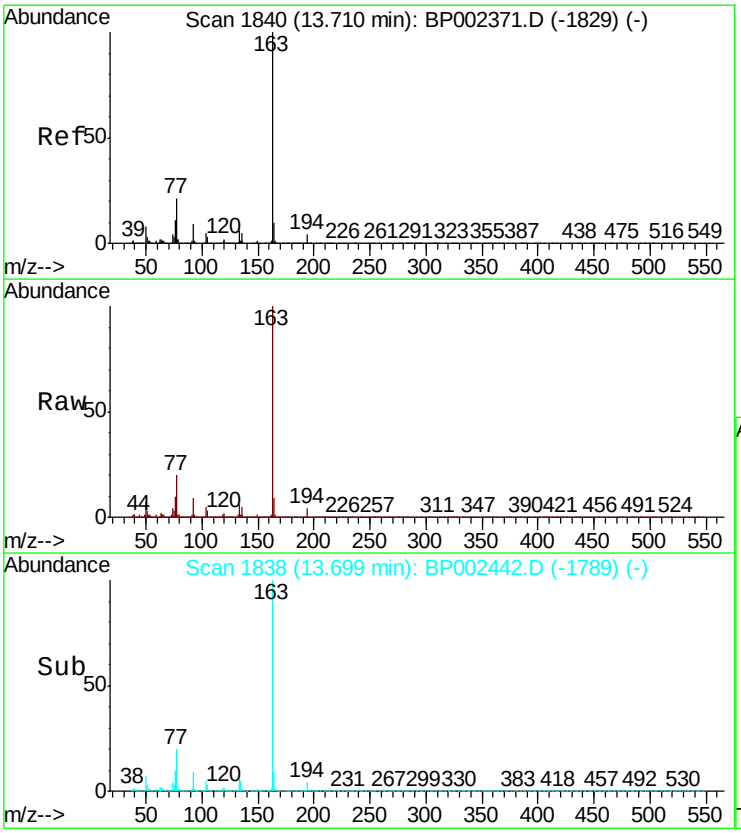
#45
2-Fluorobiphenyl
Concen: 72.728 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:172 Resp: 1604304

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	23.7	19.0	28.6

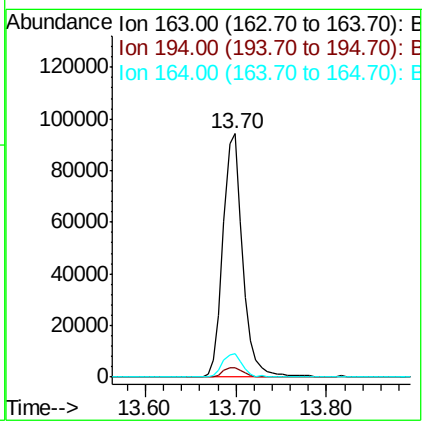


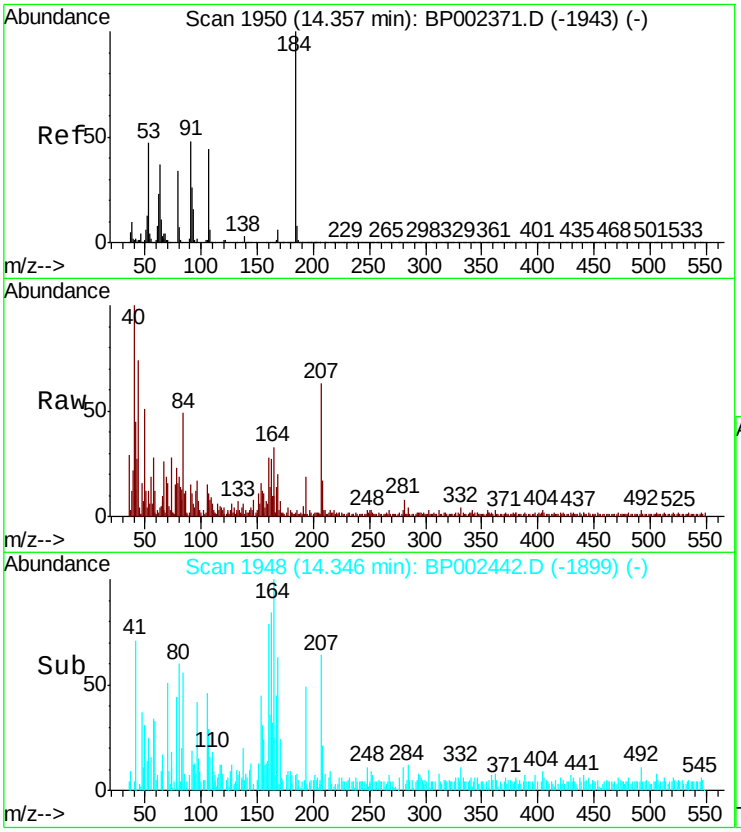


#50
Dimethylphthalate
Concen: 5.585 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:163 Resp: 141941

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.4	8.1	12.1



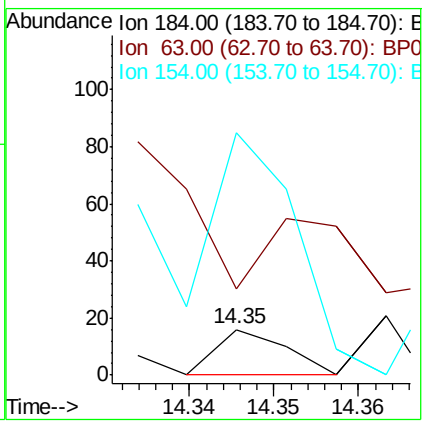


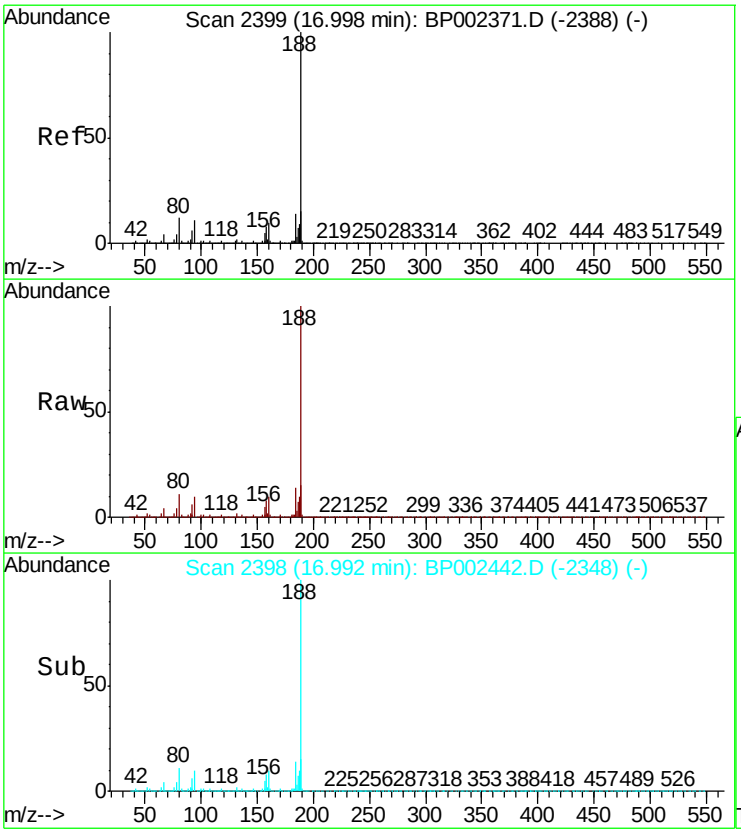
#54
2,4-Dinitrophenol
Concen: 2.789 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:184 Resp: 9

Ion	Ratio	Lower	Upper
184	100		
63	187.5	52.3	78.5#
154	531.3	48.6	72.8#

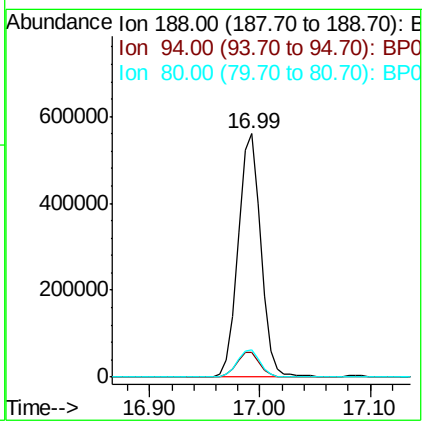


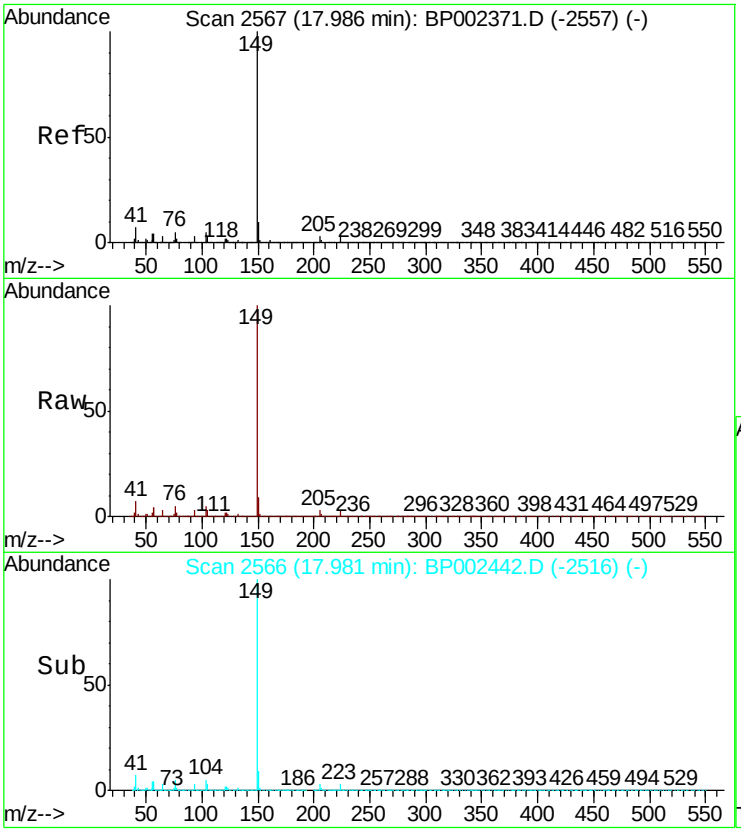


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:188 Resp: 811713

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.4	14.0



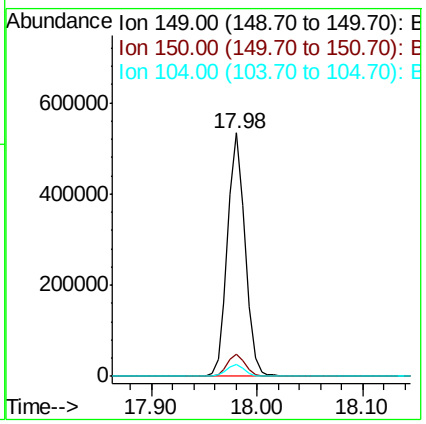


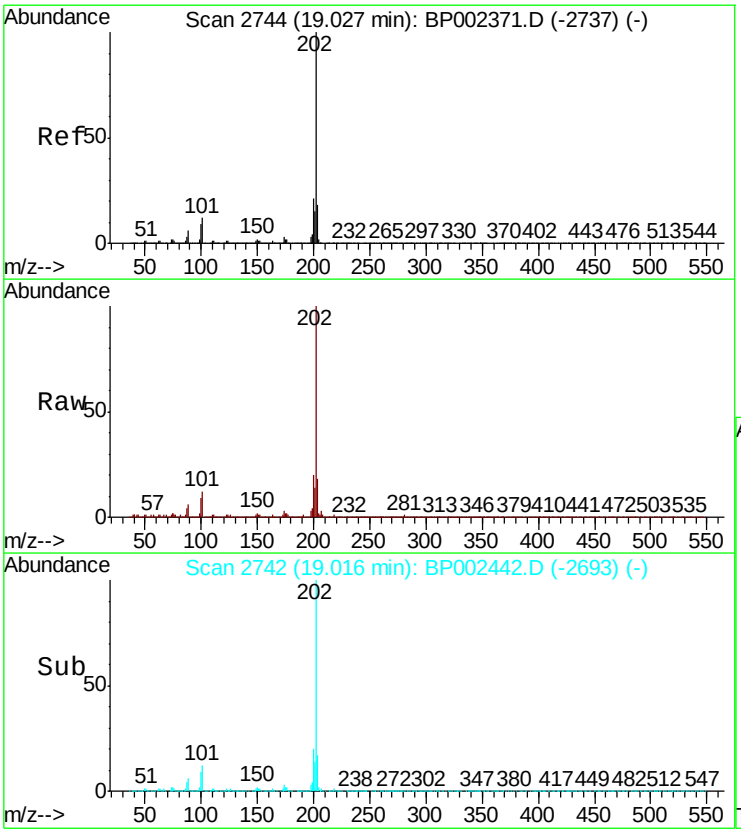
#74
Di-n-butylphthalate
Concen: 13.922 ng
RT: 17.98 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:149 Resp: 611345

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.1	4.3	6.5

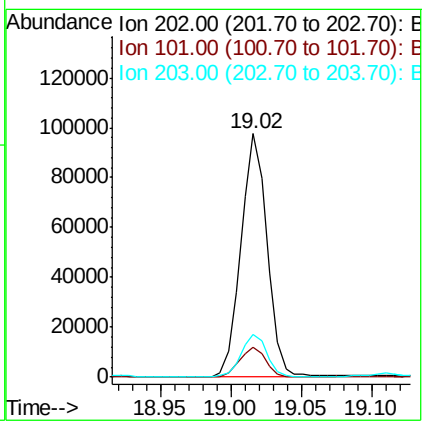


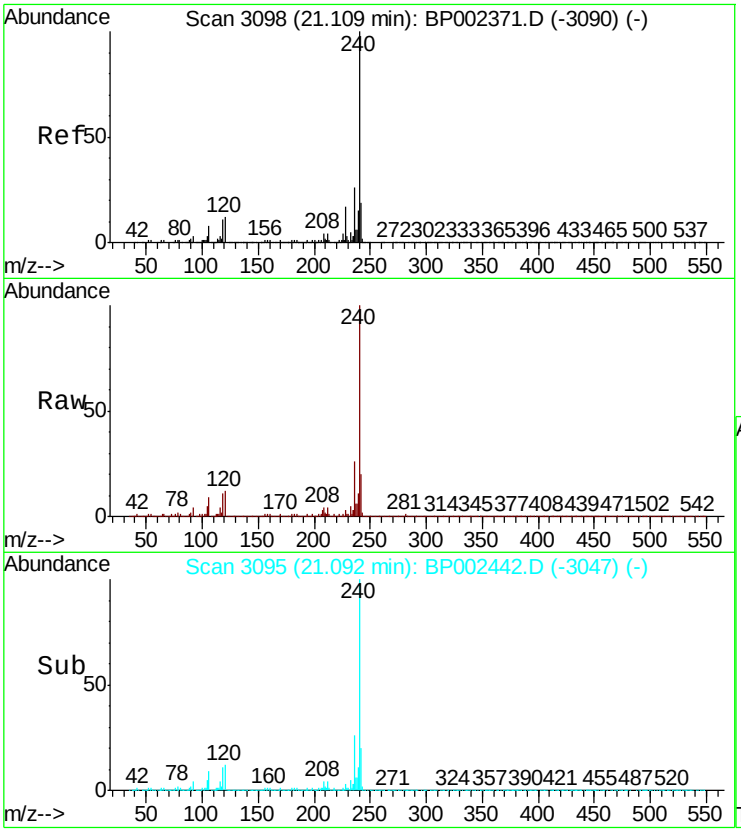


#75
Fluoranthene
Concen: 2.786 ng
RT: 19.02 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:202 Resp: 126276

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.8
203	17.5	0.0	38.0



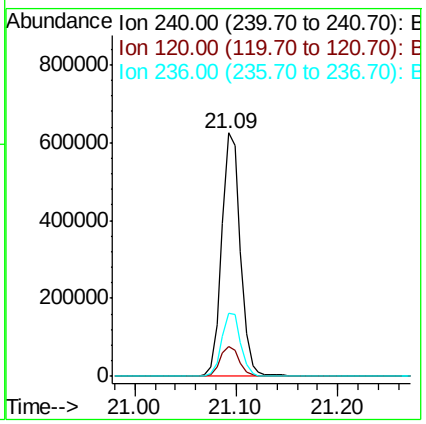


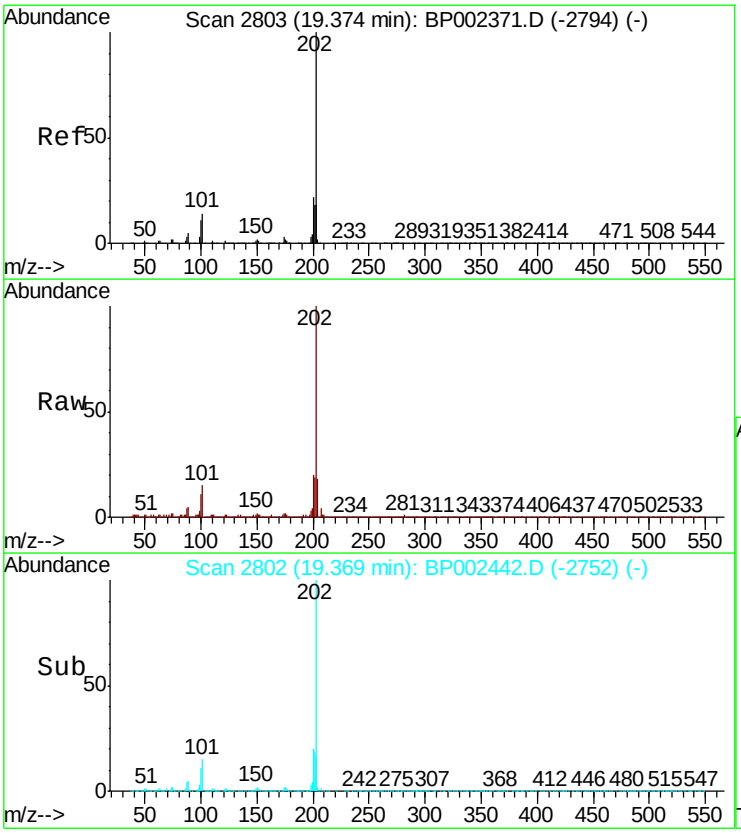
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:240 Resp: 799744

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.3	13.9
236	26.0	21.0	31.6

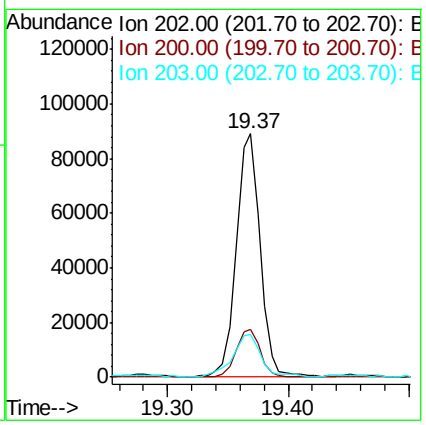


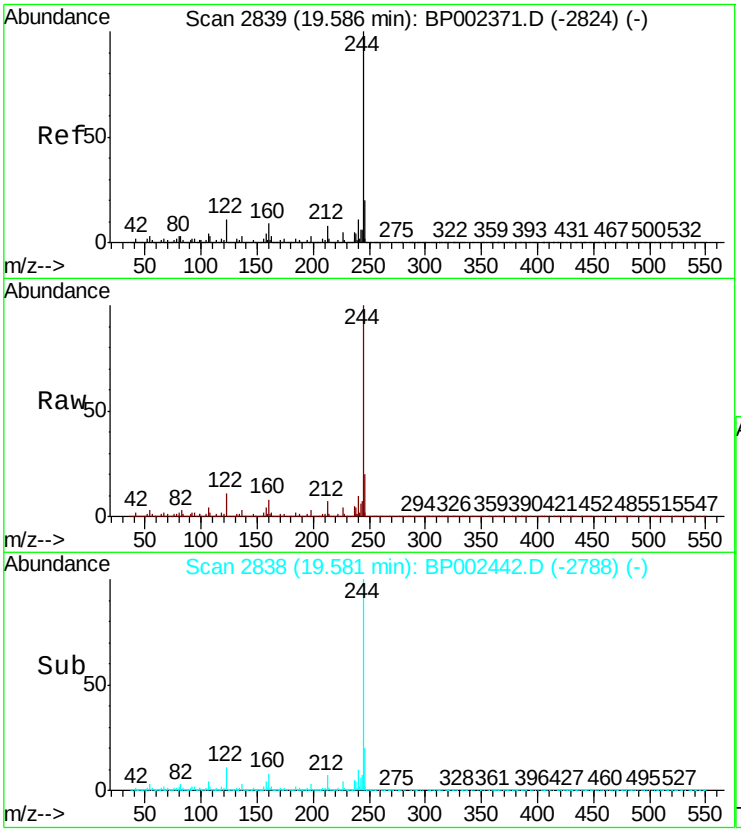


#78
Pyrene
Concen: 2.485 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:202 Resp: 121741

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.7	26.5
203	17.6	14.6	22.0



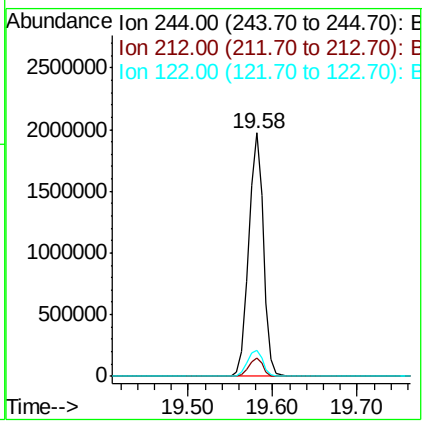


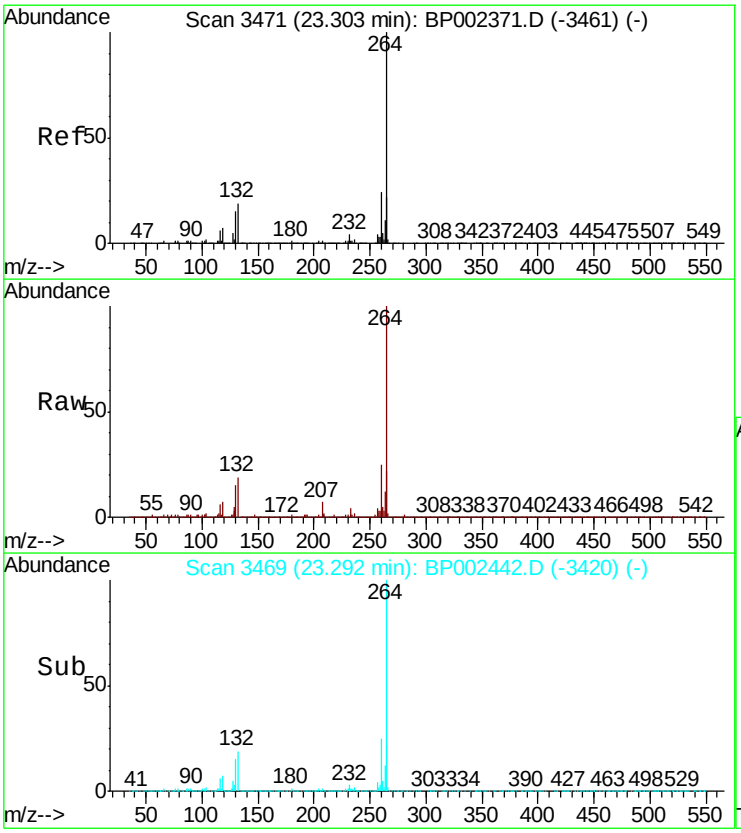
#79
Terphenyl-d14
Concen: 73.437 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:244 Resp: 2402420

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	10.8	8.8	13.2

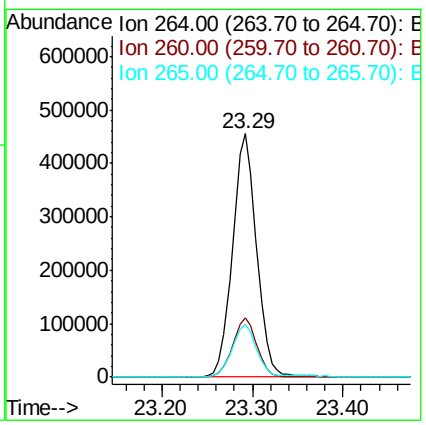


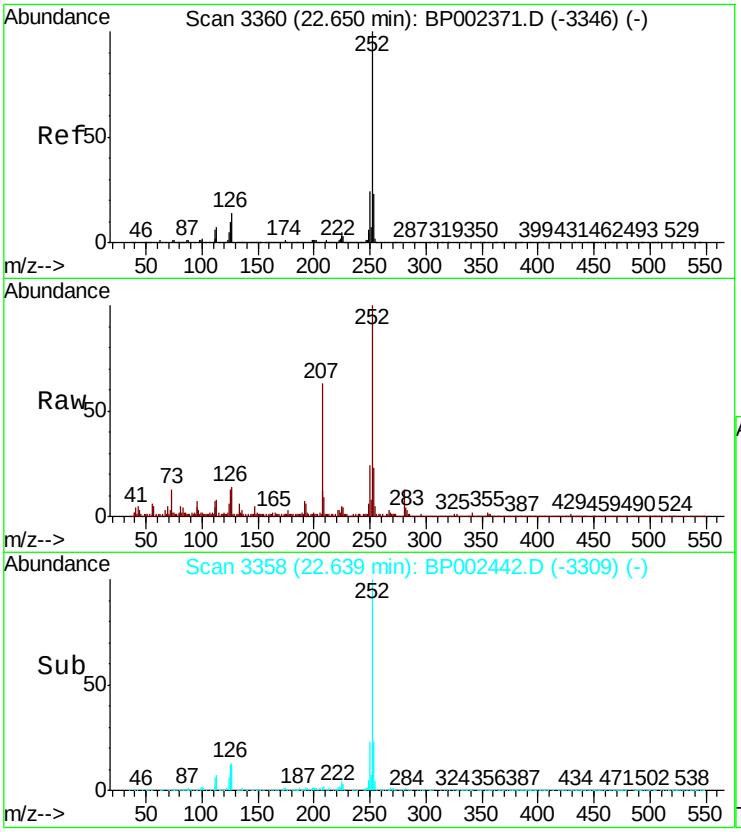


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:264 Resp: 840154

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.9	17.4	26.2



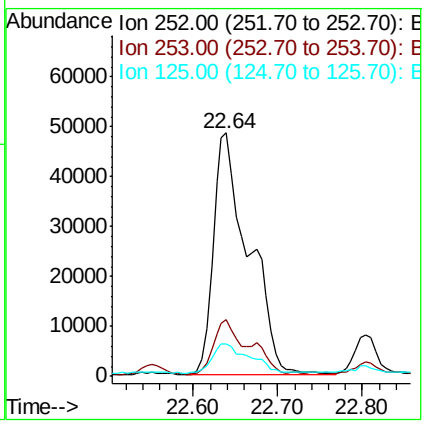


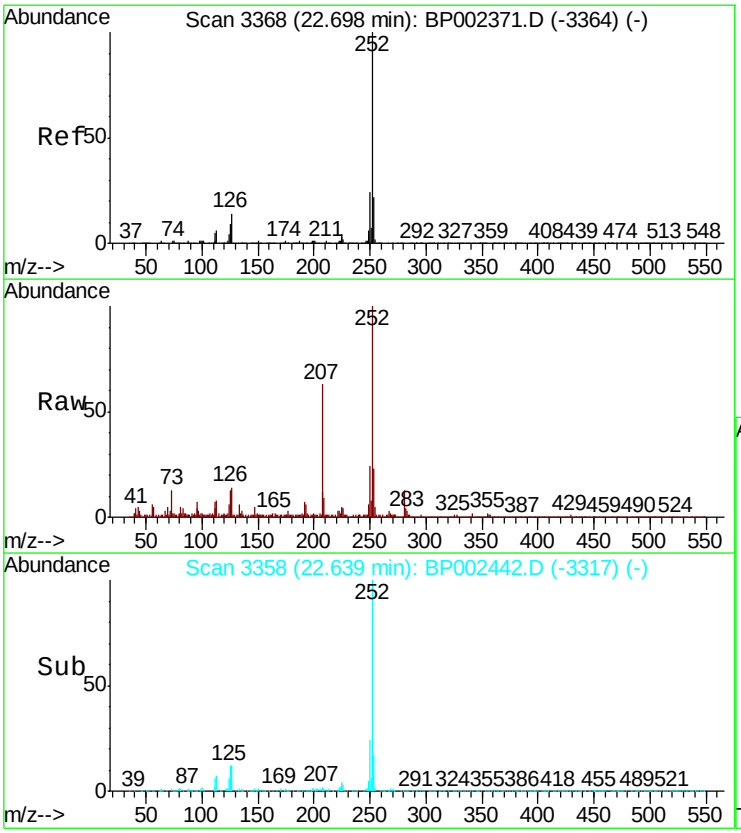
#88
Benzo(b)fluoranthene
Concen: 3.137 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Instrument :
BNA_P
ClientSampleId :
RO-16

Tgt Ion:252 Resp: 142134

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	13.3	8.2	12.2#





#89
Benzo(k)fluoranthene
Concen: 3.302 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.06 min
Lab File: BP002442.D
Acq: 18 Jun 2020 15:35

Tgt Ion:252 Resp: 142134

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	13.3	7.8	11.8#