Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000675.D
Acq On : 12 Oct 2019 18:21
Operator : JU
Sample : PB123900BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 14 05:20:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	243158	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	891310	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	504140	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	948230	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	849419	20.00	ng	-0.01
87) Perylene-d12	15.45	264	932705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1376198	90.98	ng	-0.02
7) Phenol-d6	6.39	99	1752961	96.16	ng	-0.02
23) Nitrobenzene-d5	7.31	82	963333	66.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	510535	95.03	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2101491	67.45	ng	-0.02
79) Terphenyl-d14	12.90	244	2657196	63.34	ng	-0.01
Target Compounds						Qvalue

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

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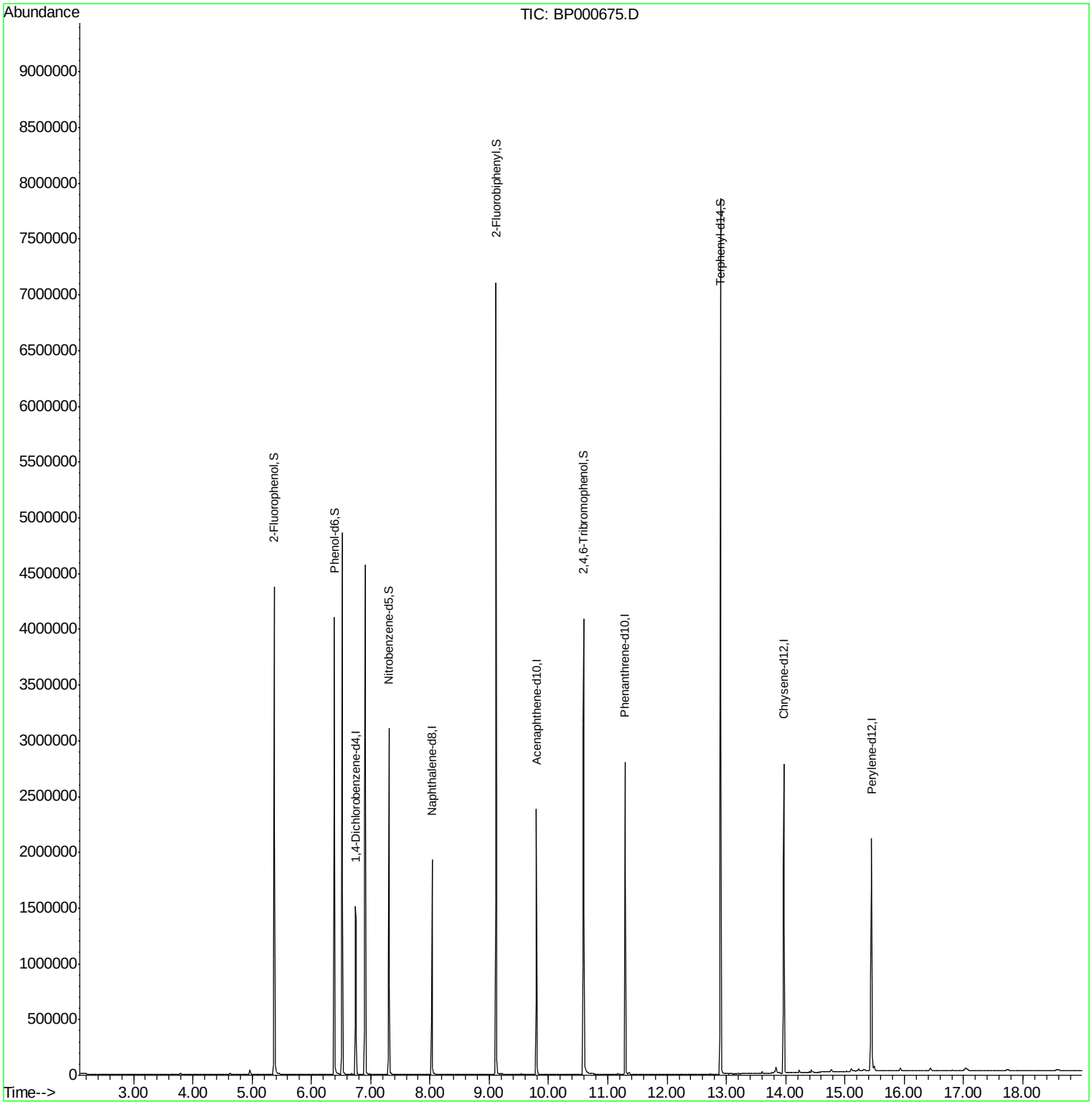
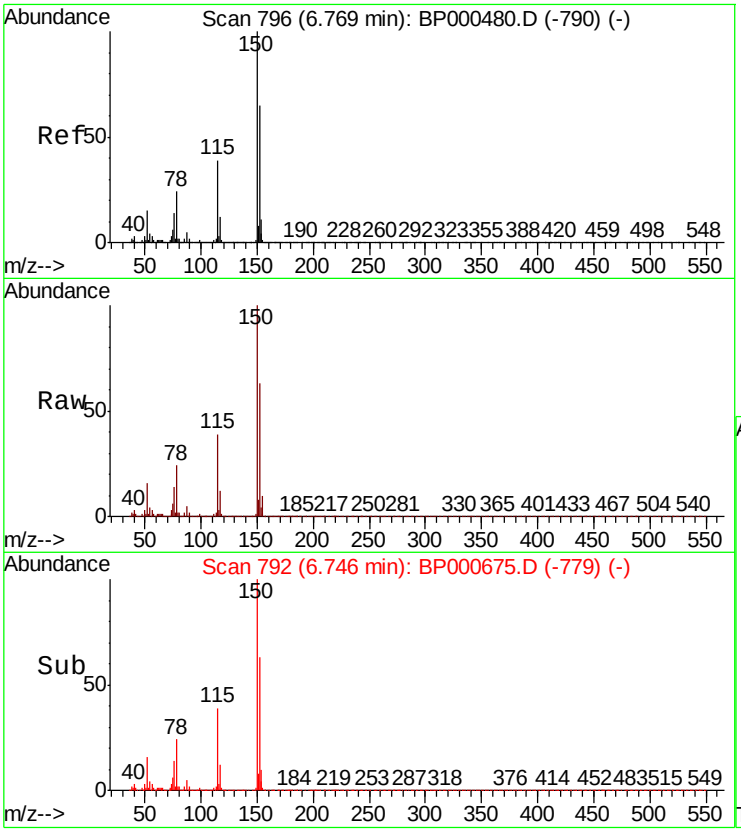


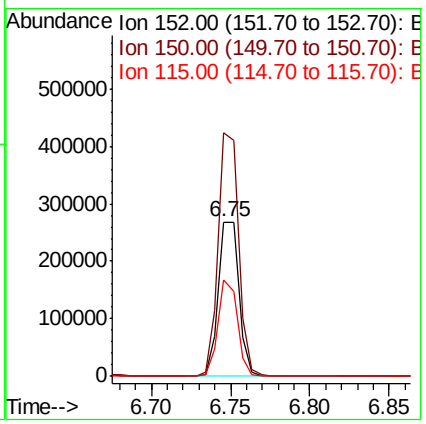


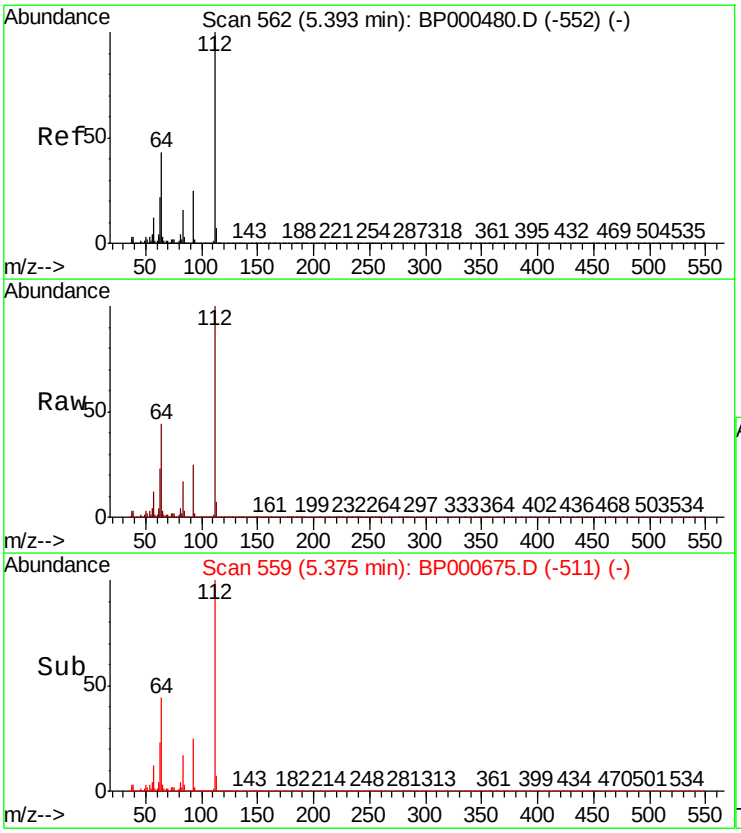
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 243158

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.1	186.1
115	62.2	48.7	73.1

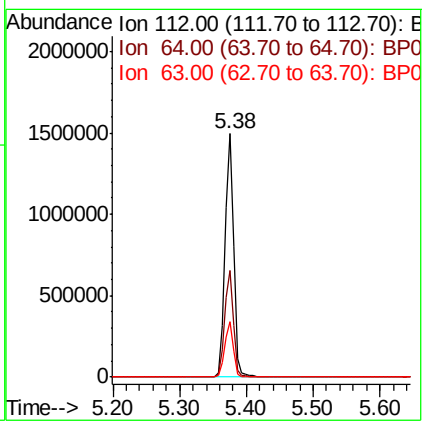


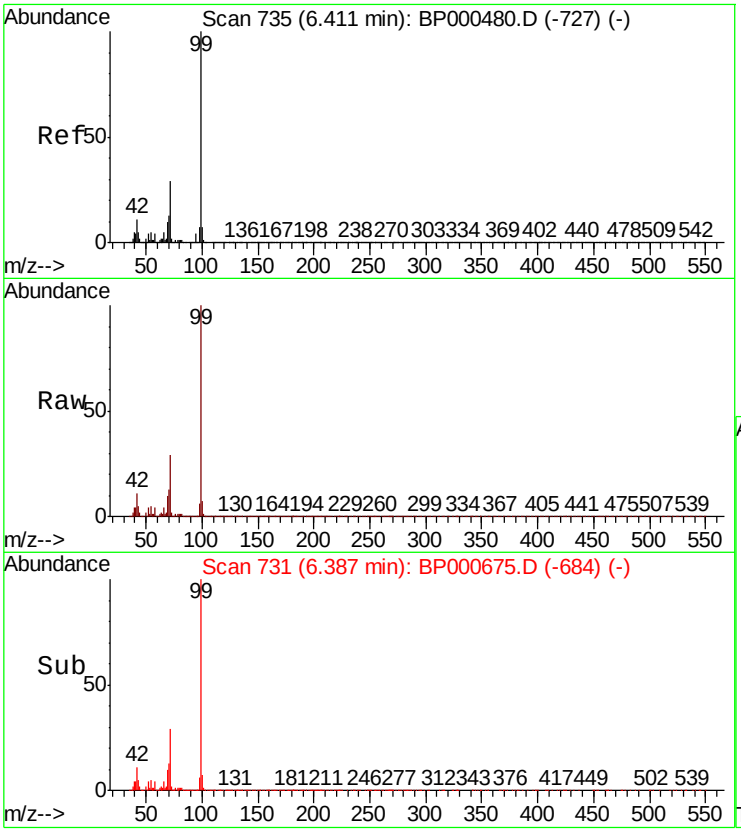


#5
2-Fluorophenol
Concen: 90.976 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:112 Resp: 1376198

Ion	Ratio	Lower	Upper
112	100		
64	44.1	34.2	51.4
63	22.7	17.9	26.9



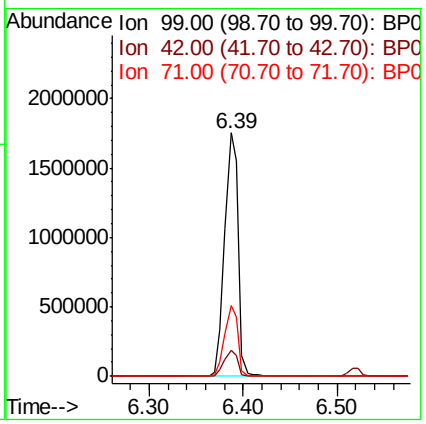


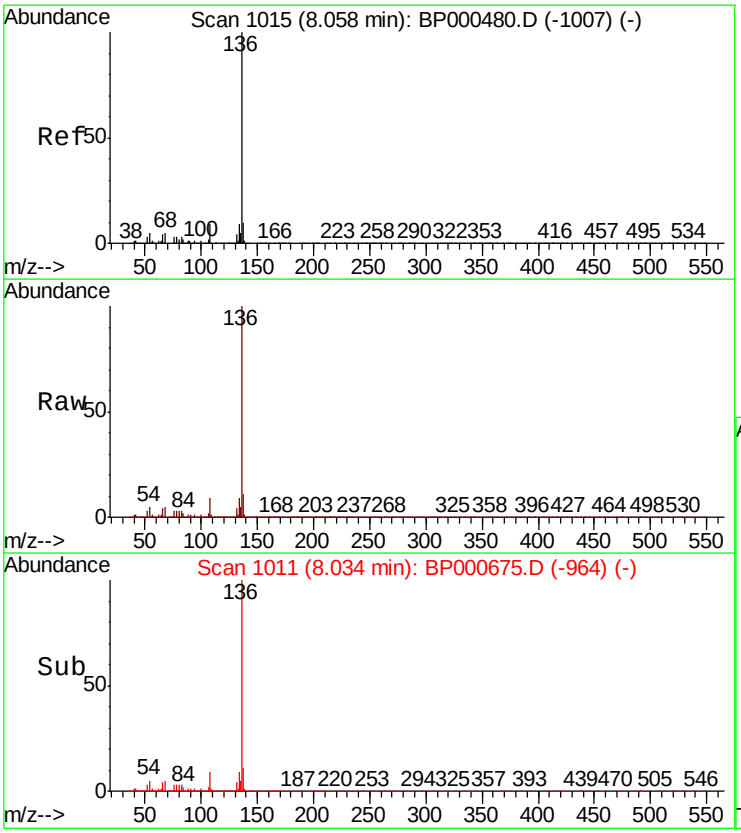
#7
Phenol-d6
Concen: 96.165 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1752961

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	12.8
71	29.2	23.0	34.4

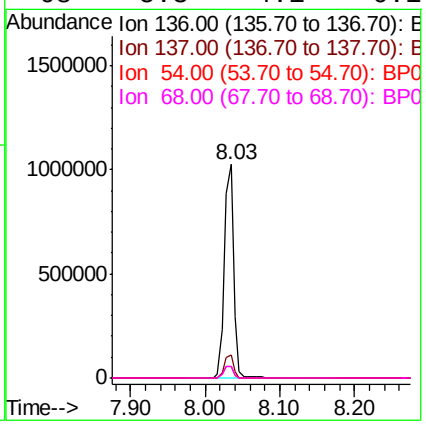


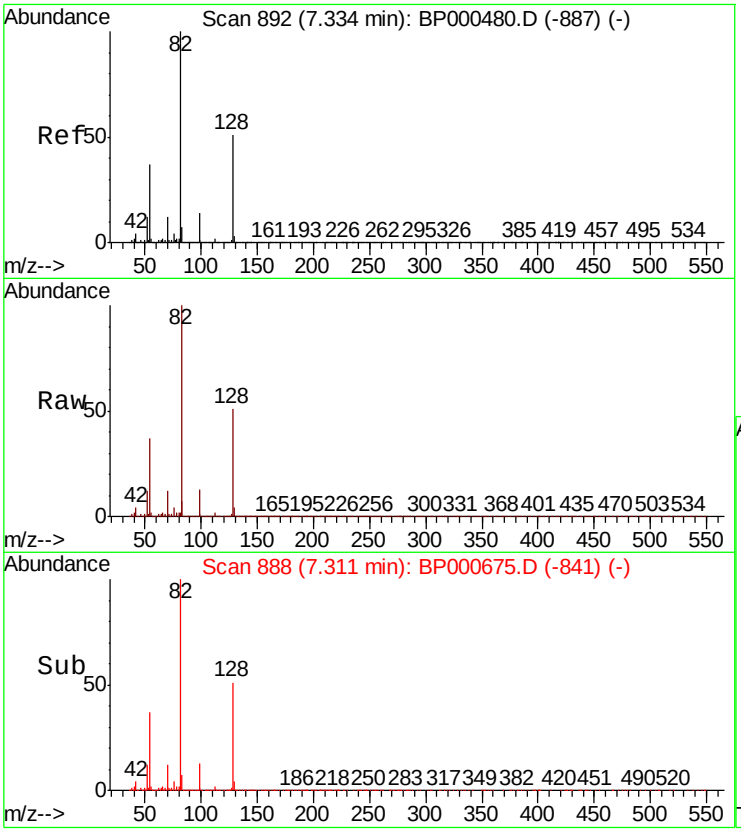


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:136 Resp: 891310

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.2	4.1	6.1
68	5.3	4.1	6.1



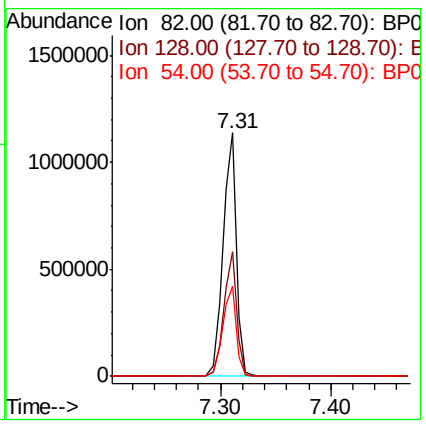


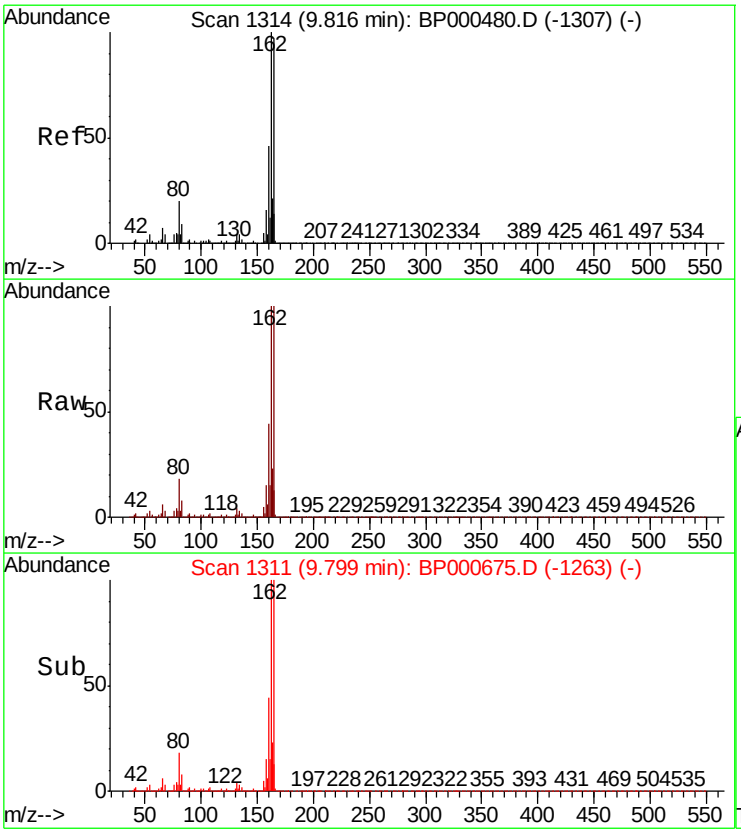
#23
Nitrobenzene-d5
Concen: 66.011 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 963333

Ion	Ratio	Lower	Upper
82	100		
128	51.4	40.9	61.3
54	36.8	29.4	44.2

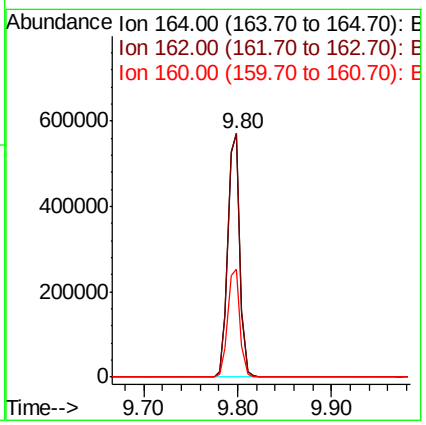


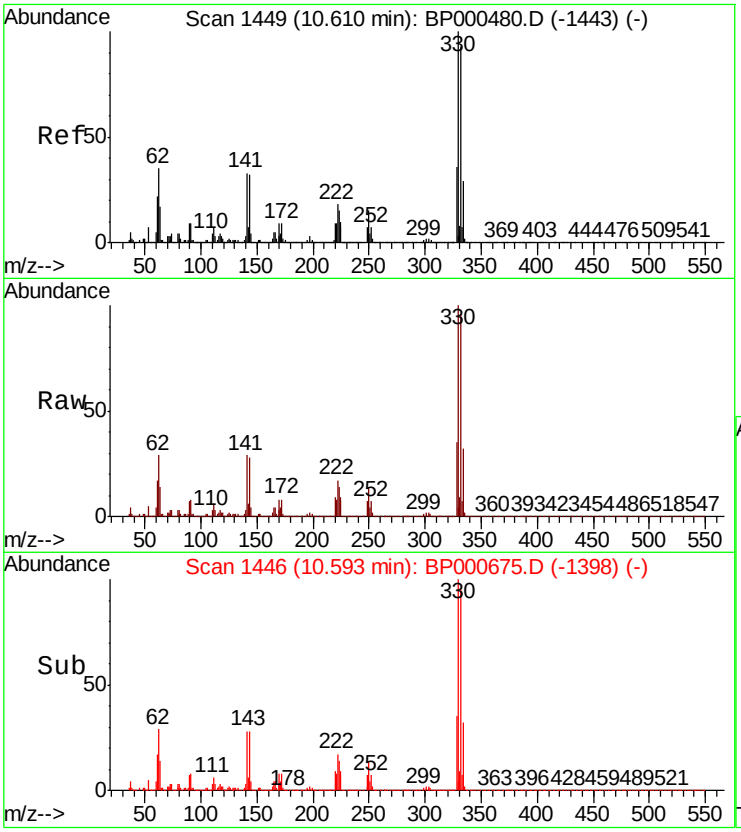


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:164 Resp: 504140

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	44.5	37.6	56.4



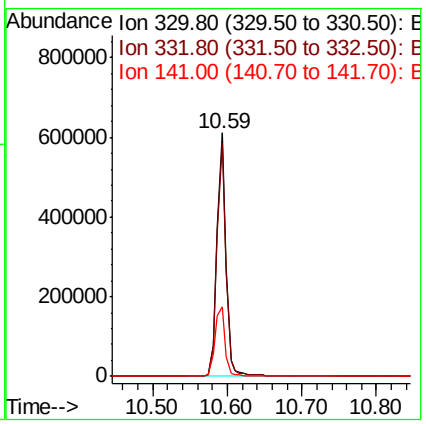


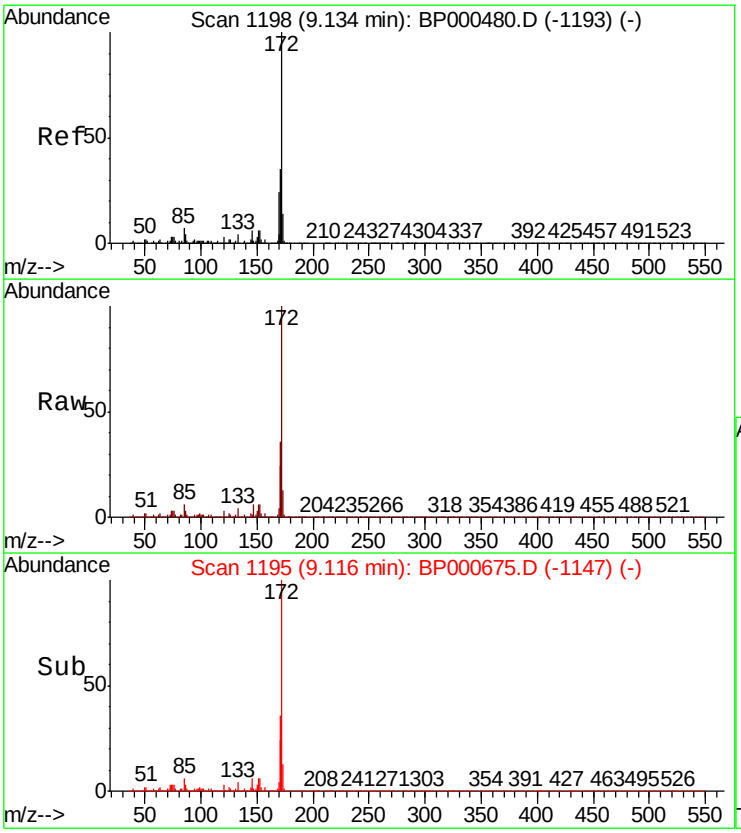
#42
2,4,6-Tribromophenol
Concen: 95.033 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 510535

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	31.9	26.0	39.0

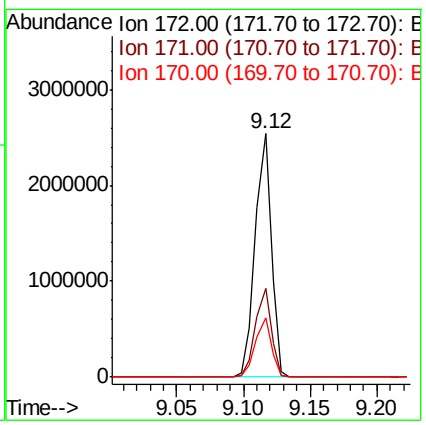


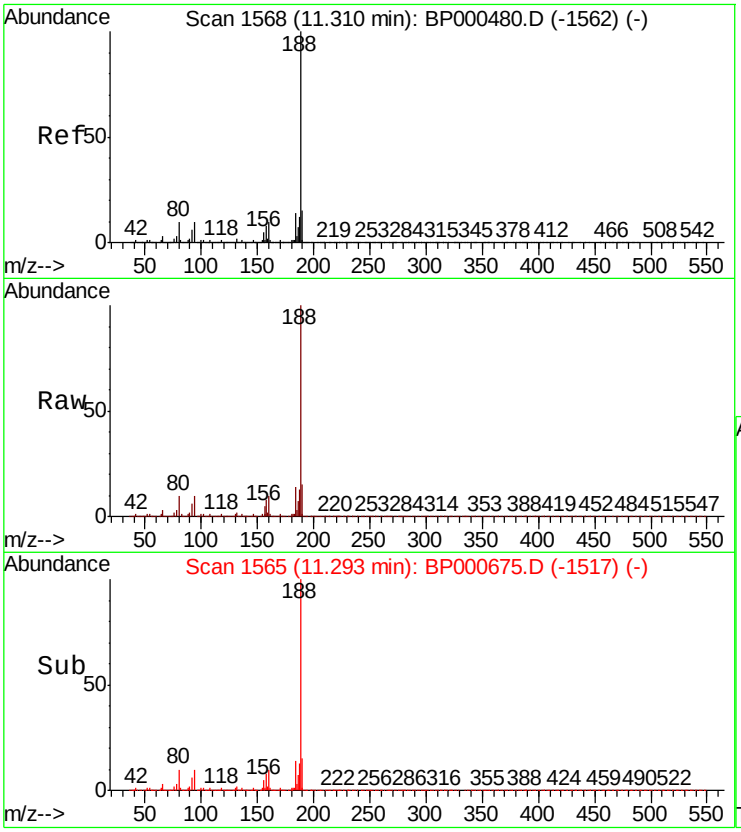


#45
2-Fluorobiphenyl
Concen: 67.446 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:172 Resp: 2101491

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.4	19.1	28.7



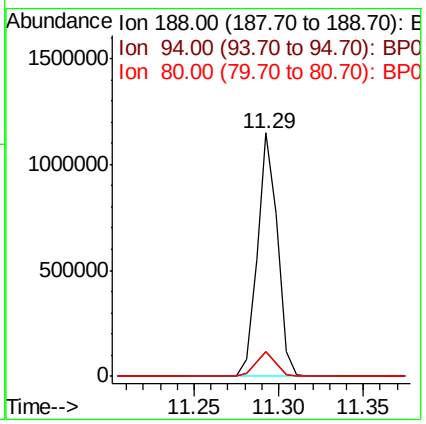


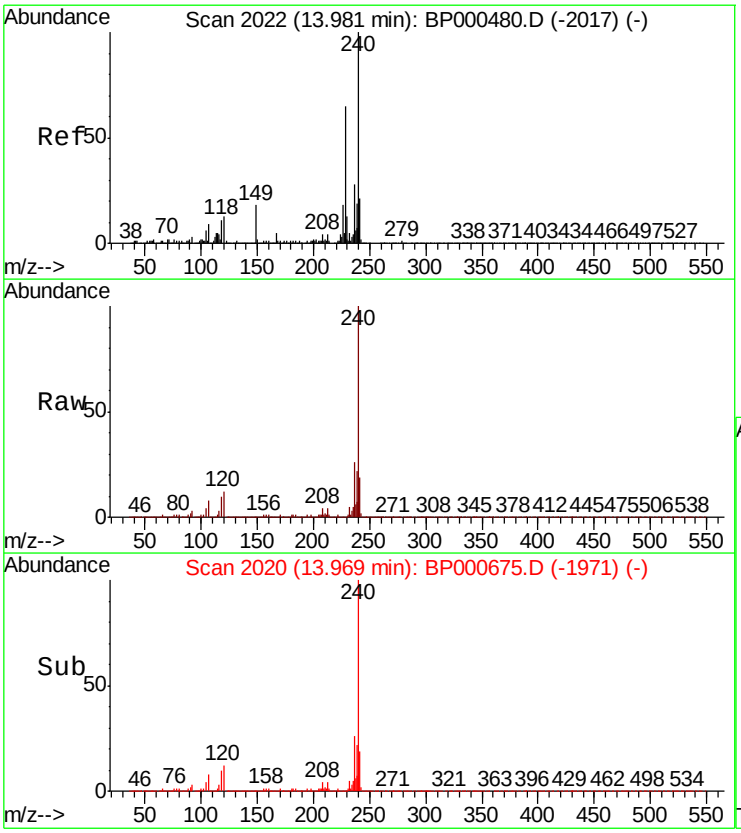
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 948230

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.1	8.3	12.5

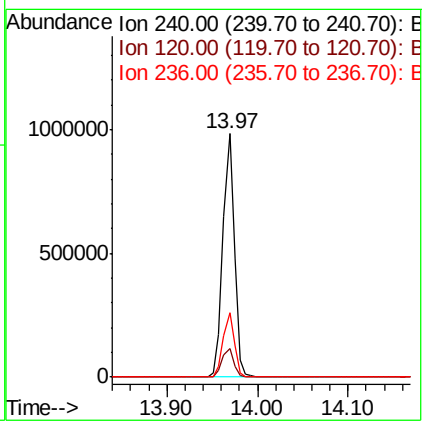


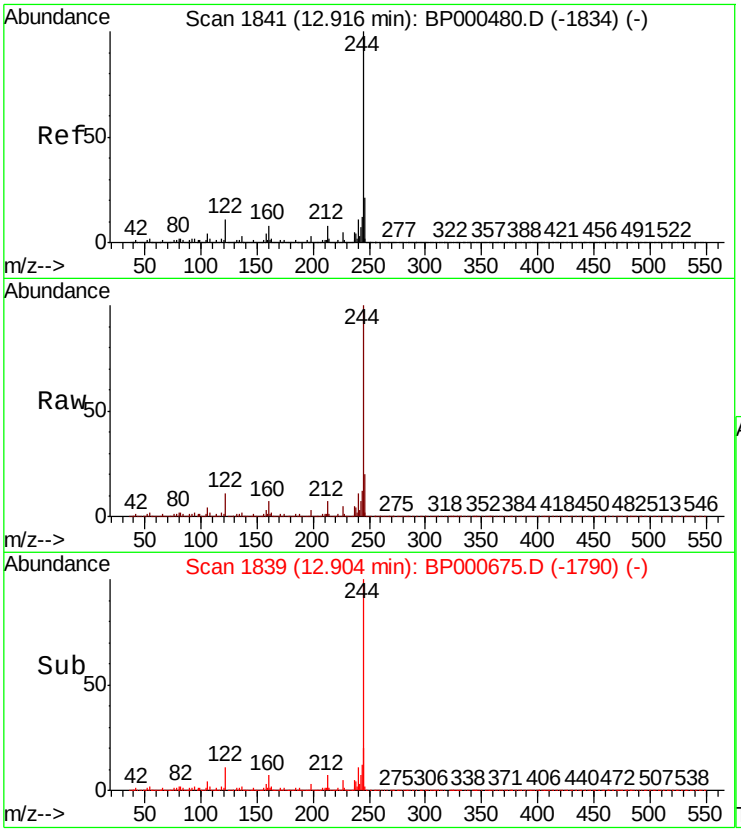


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:240 Resp: 849419

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.1	15.1
236	26.3	22.7	34.1



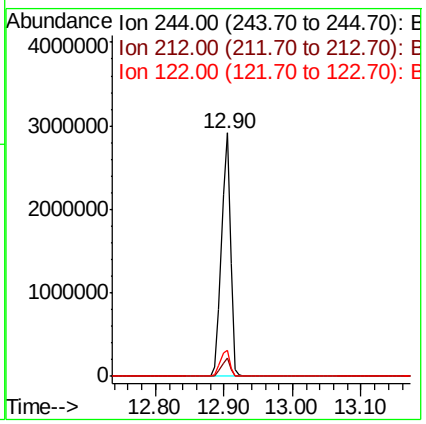


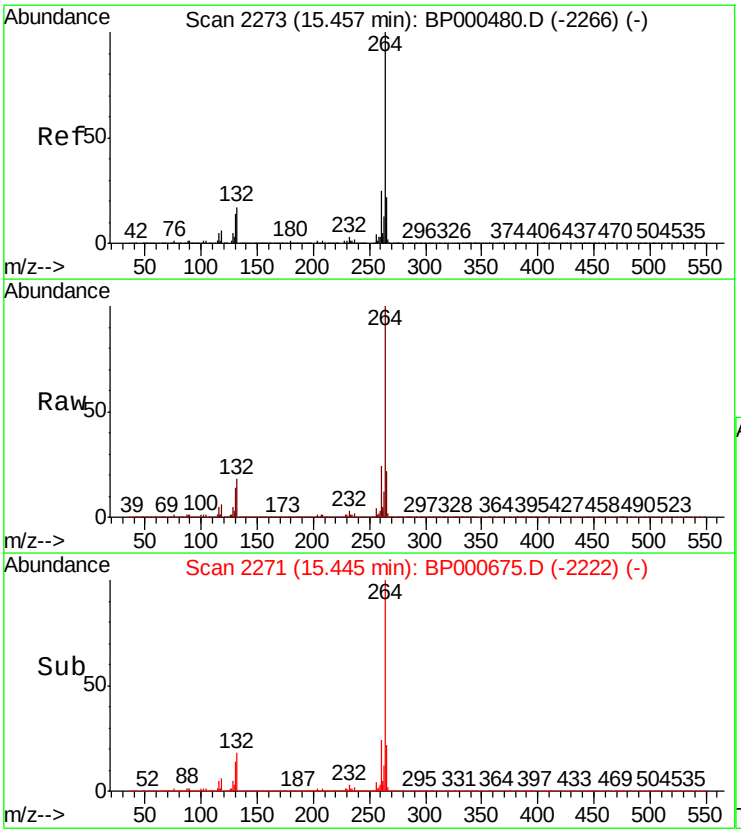
#79
Terphenyl-d14
Concen: 63.339 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2657196

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.8	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000675.D
Acq: 12 Oct 2019 18:21

Tgt Ion:264 Resp: 932705

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	21.7	18.0	27.0