Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095705.D
Acq On : 6 Jun 2017 13:00
Operator : SJ/MA
Sample : I3443-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-RO-6699AA-060117

Quant Time: Jun 06 17:14:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	86503	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	353280	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	169733	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	326781	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	294689	20.00	ng	-0.02
86) Perylene-d12	20.01	264	232978	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	673210	124.01	ng	0.00
7) Phenol-d6	6.94	99	737874	113.54	ng	-0.02
23) Nitrobenzene-d5	8.30	82	504918	88.76	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	213267	142.01	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1033060	84.70	ng	-0.02
78) Terphenyl-d14	17.01	244	959336	80.79	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.45	128	427893	24.134	ng	99
37) 2-Methylnaphthalene	10.58	142	38794	3.238	ng	95

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

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Misc :
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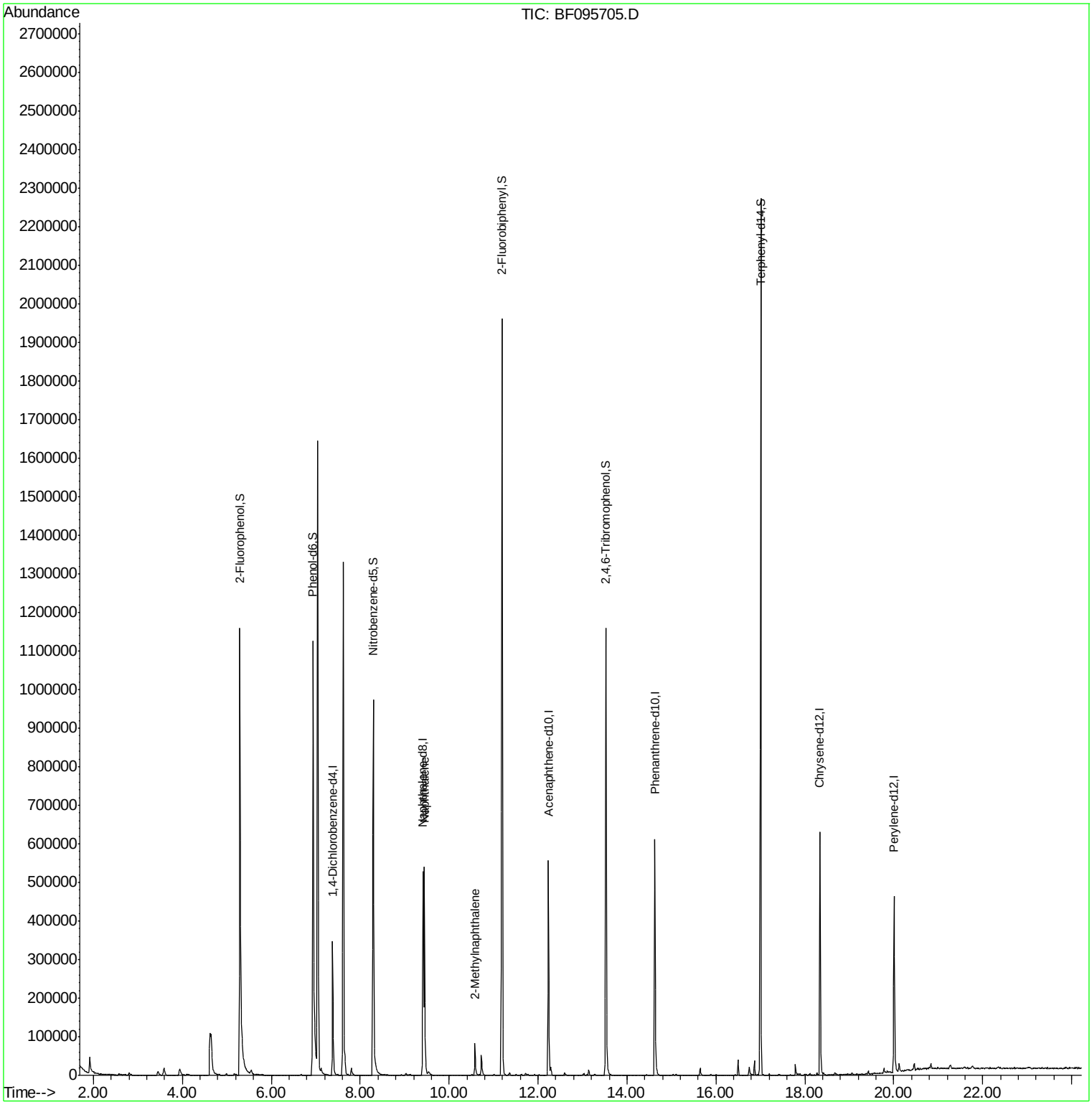
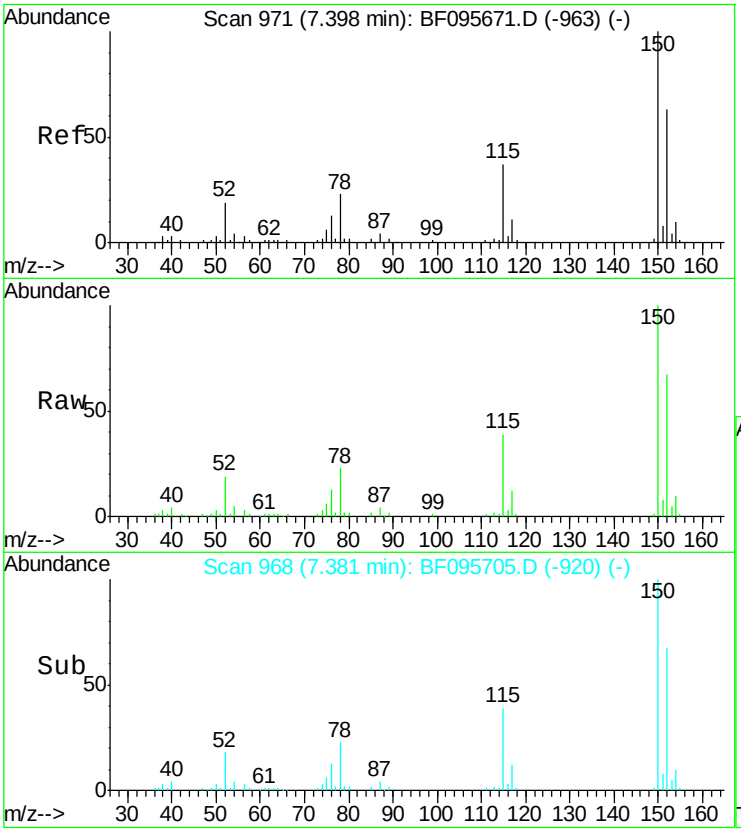


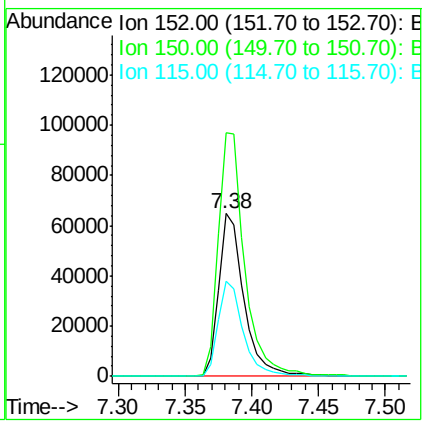


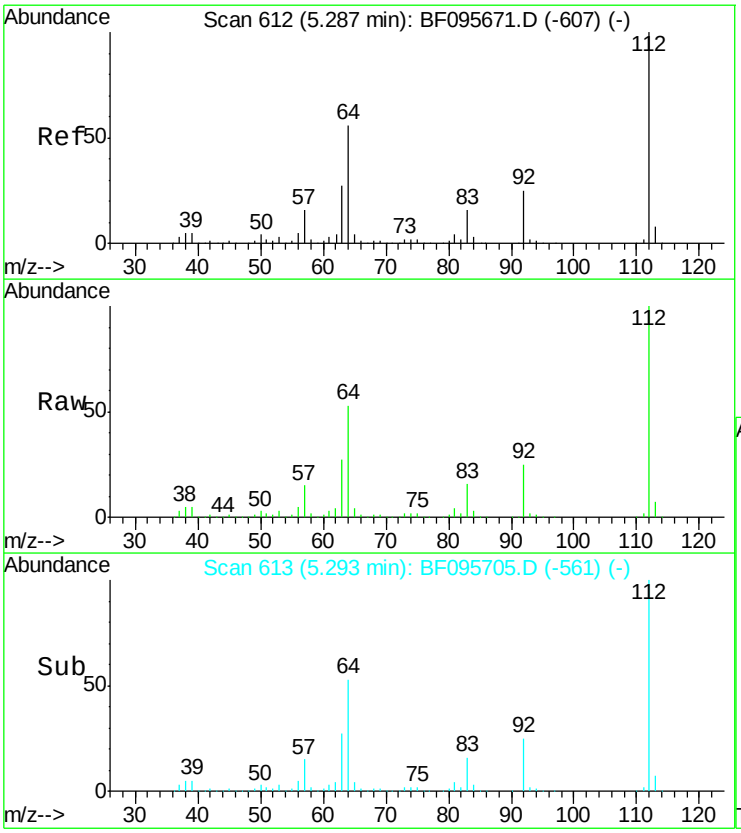
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion:152 Resp: 86503

Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.2	189.2
115	58.8	52.2	78.2

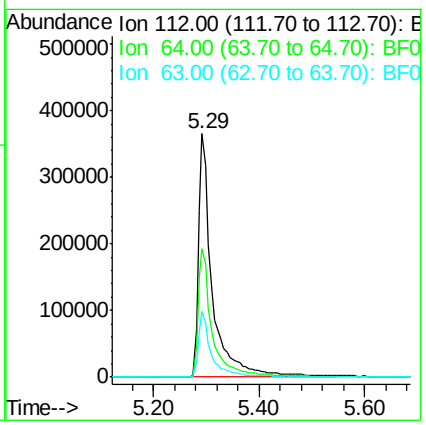


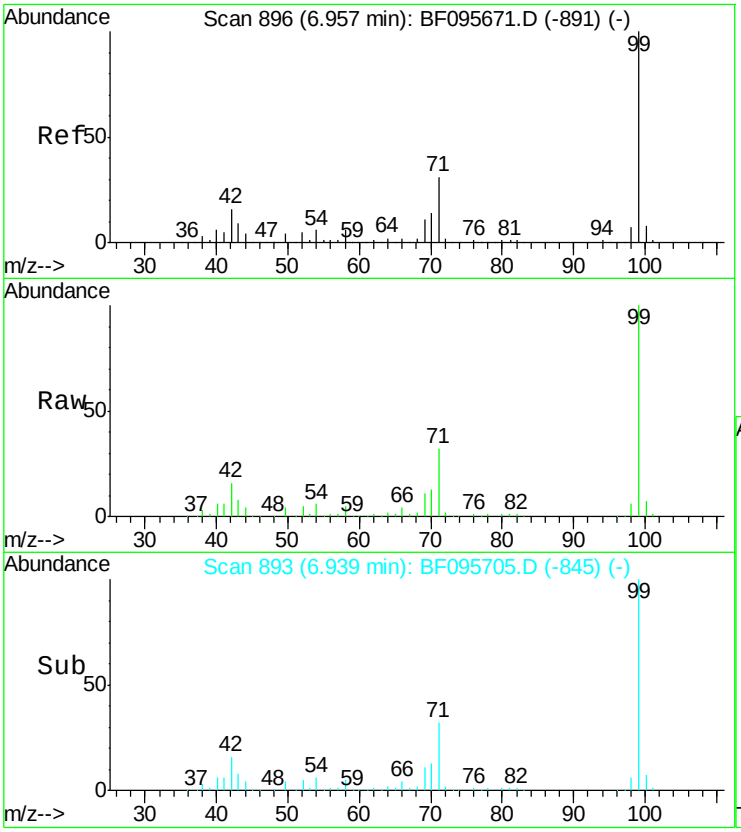


#5
2-Fluorophenol
Concen: 124.010 ng
RT: 5.29 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:112 Resp: 673210

Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.0	69.0
63	26.9	23.4	35.0



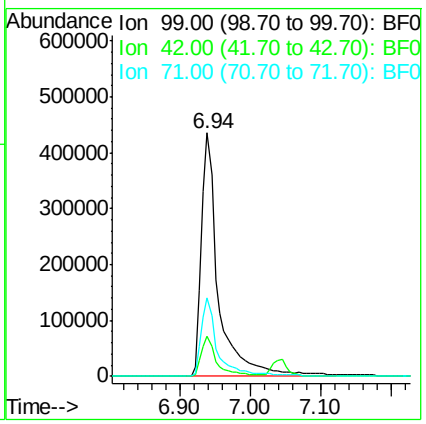


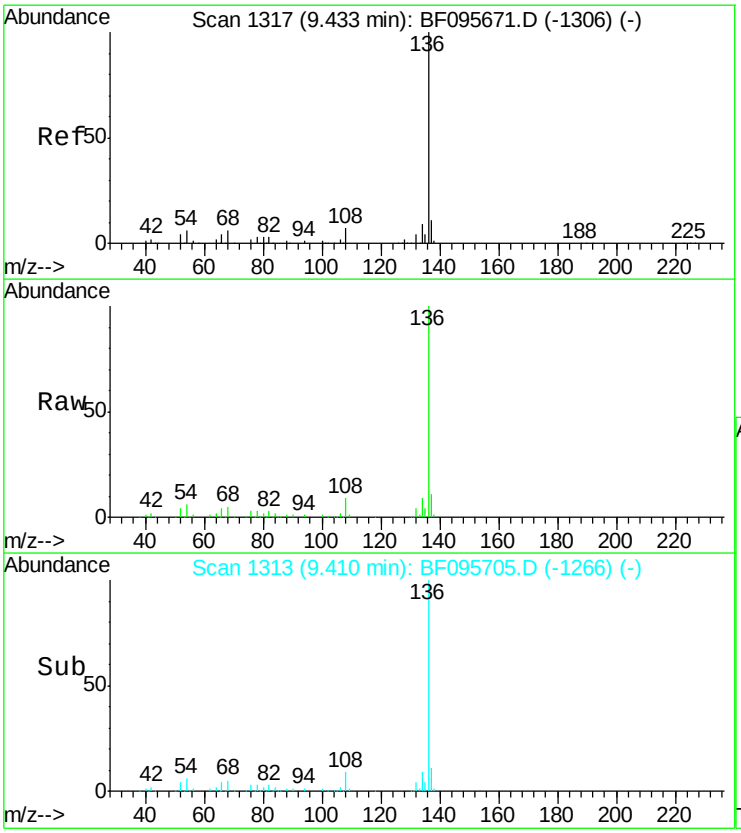
#7
Phenol-d6
Concen: 113.536 ng
RT: 6.94 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion: 99 Resp: 737874

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.0	24.5	36.7

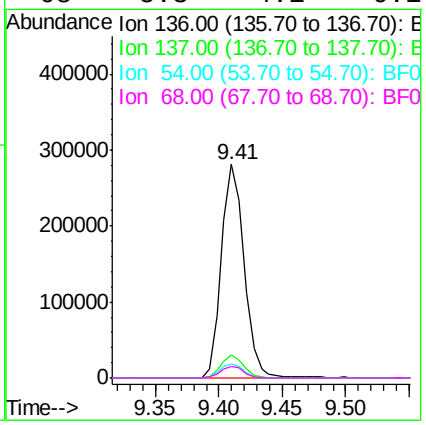


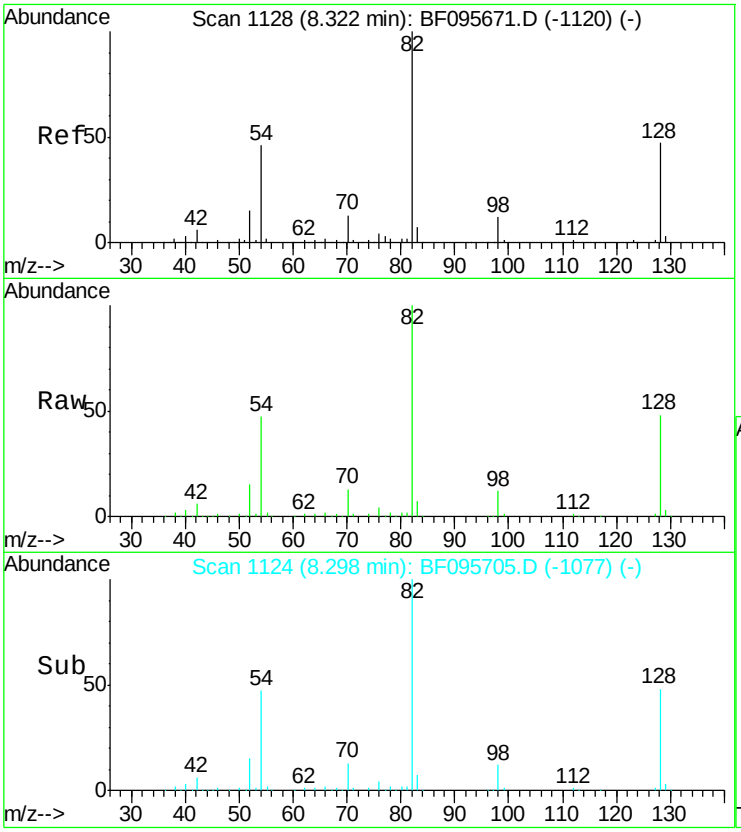


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.41 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:136 Resp: 353280

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.4	4.9	7.3
68	5.3	4.1	6.1



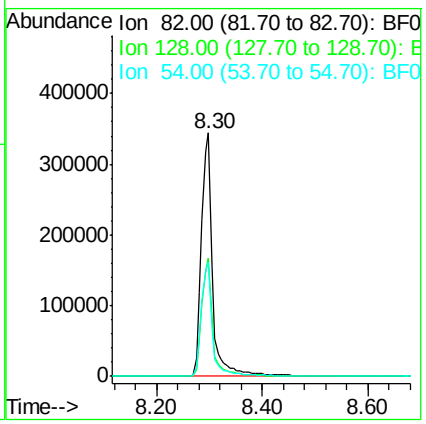


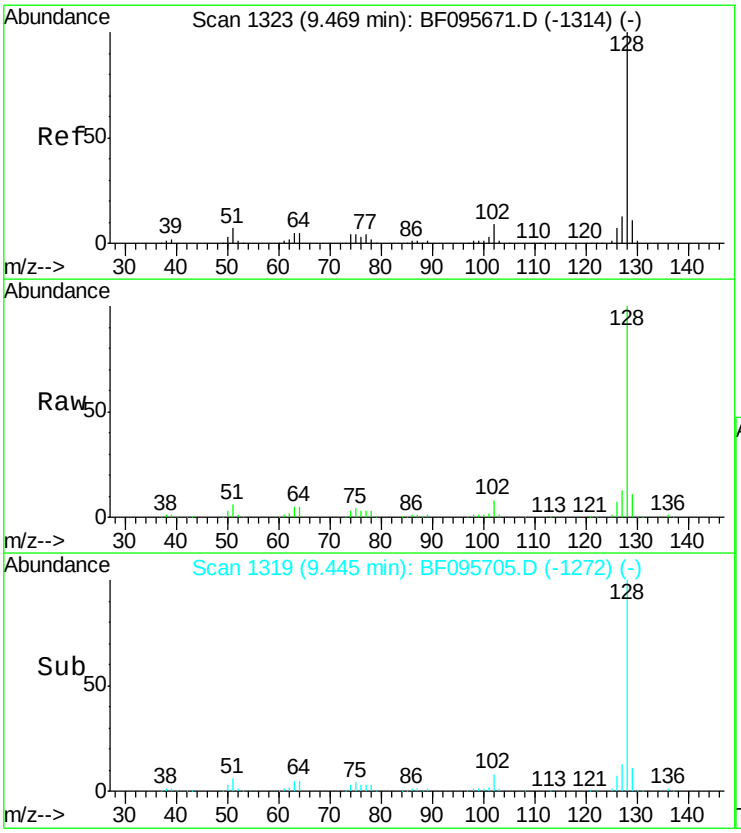
#23
Nitrobenzene-d5
Concen: 88.762 ng
RT: 8.30 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion: 82 Resp: 504918

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	46.7	42.2	63.2

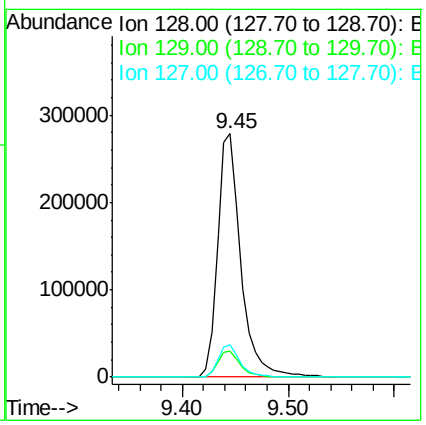


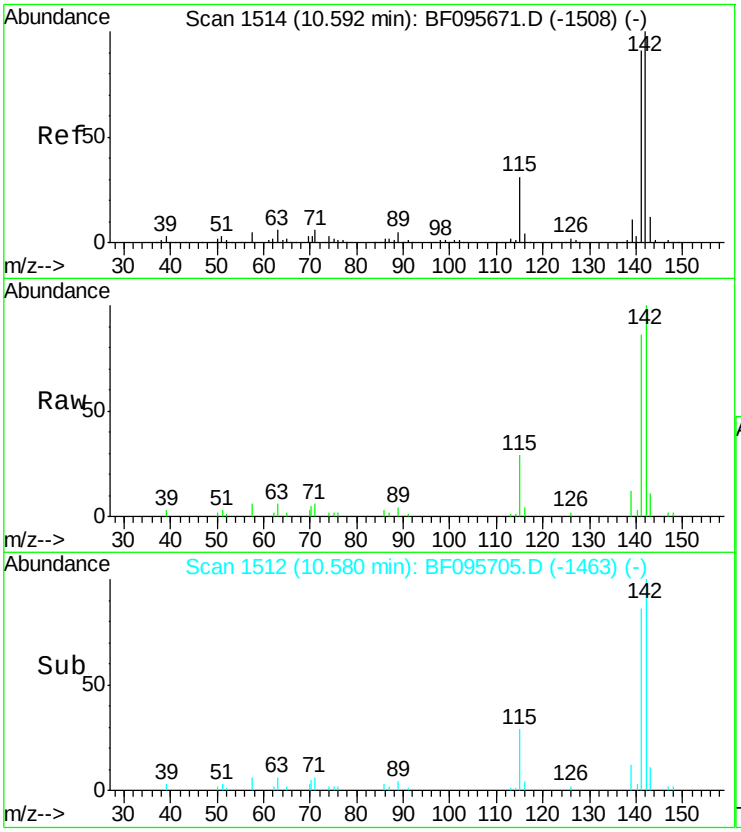


#31
Naphthalene
Concen: 24.134 ng
RT: 9.45 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:128 Resp: 427893

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.1	10.8	16.2



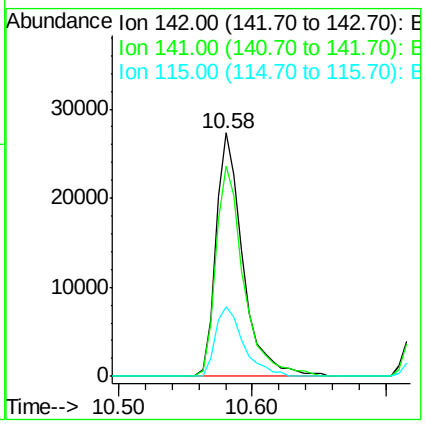


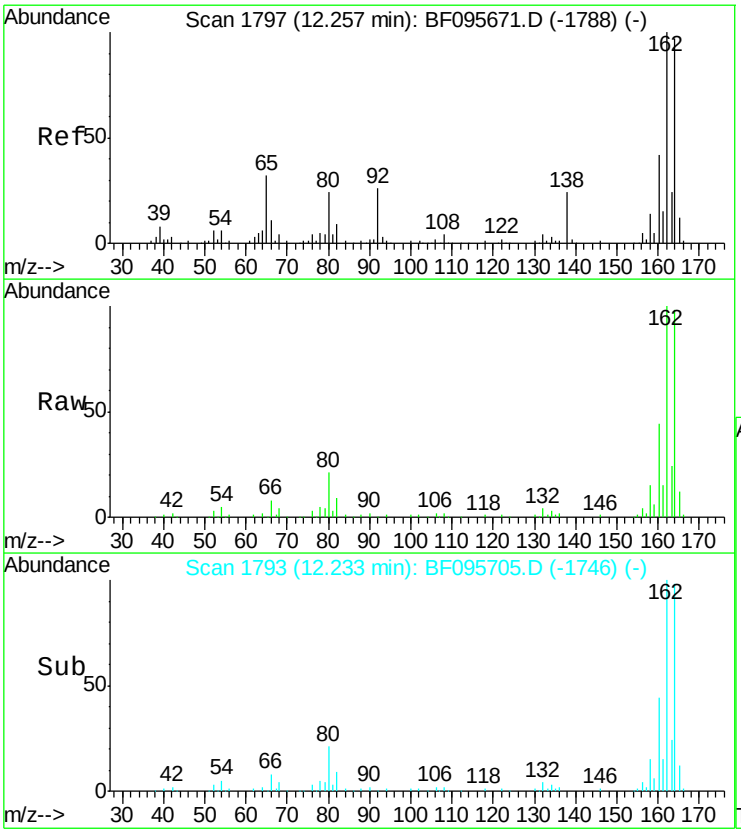
#37
2-Methylnaphthalene
Concen: 3.238 ng
RT: 10.58 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion:142 Resp: 38794

Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.3	106.9
115	28.6	27.1	40.7

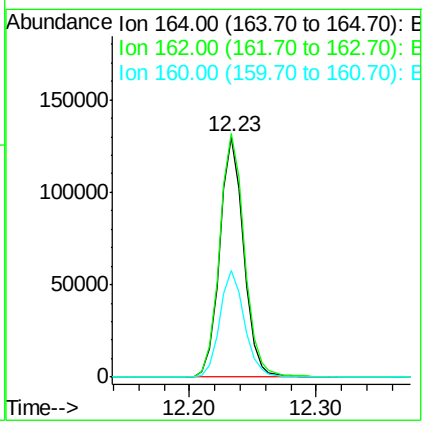


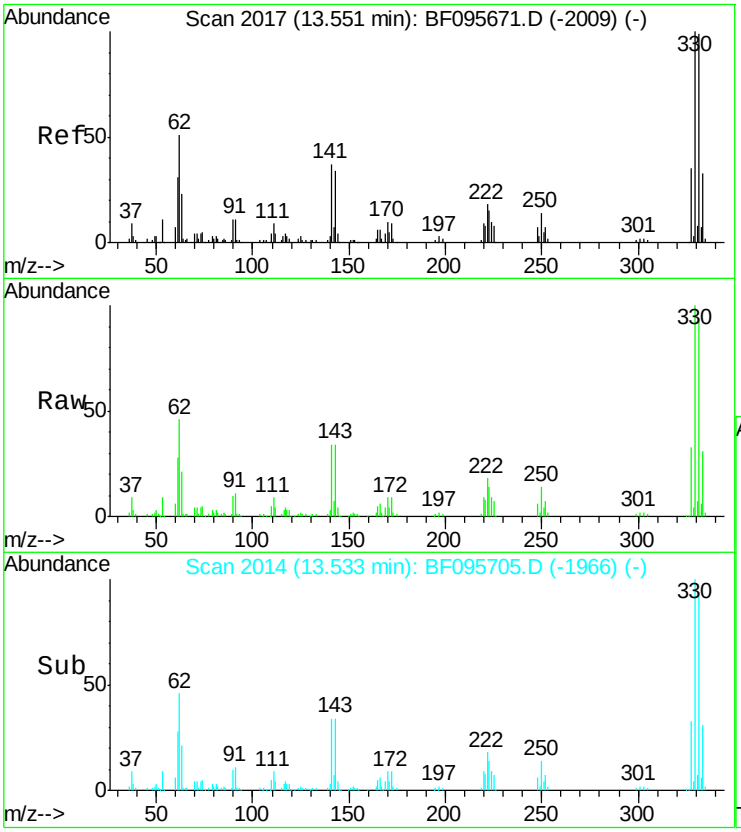


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.23 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:164 Resp: 169733

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.5	36.2	54.2



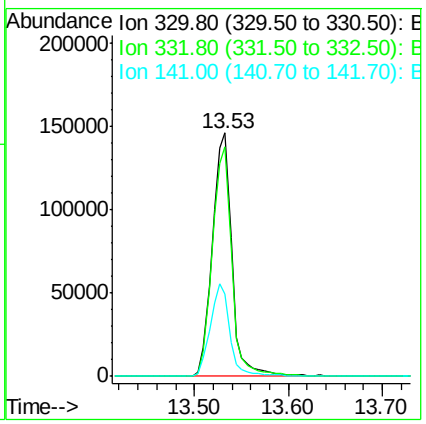


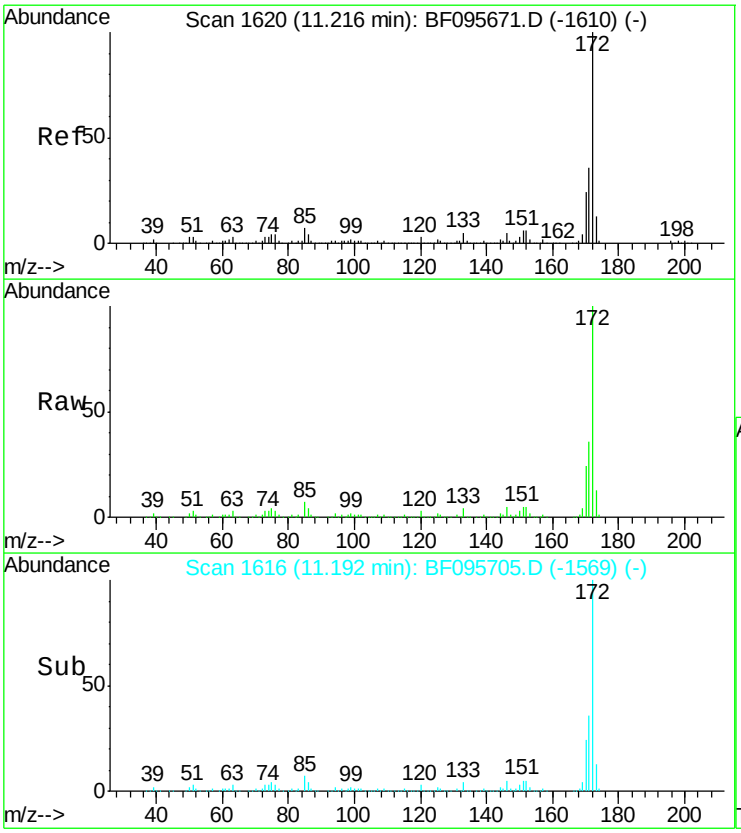
#41
2,4,6-Tribromophenol
Concen: 142.013 ng
RT: 13.53 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion:330 Resp: 213267

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	38.3	31.4	47.2

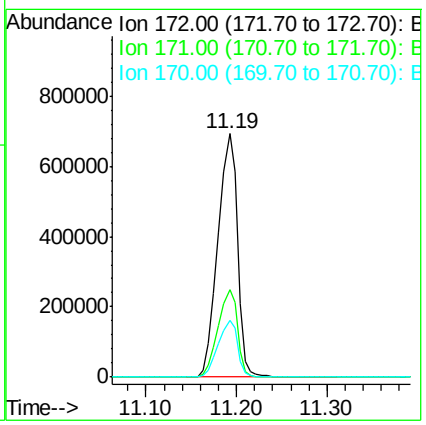


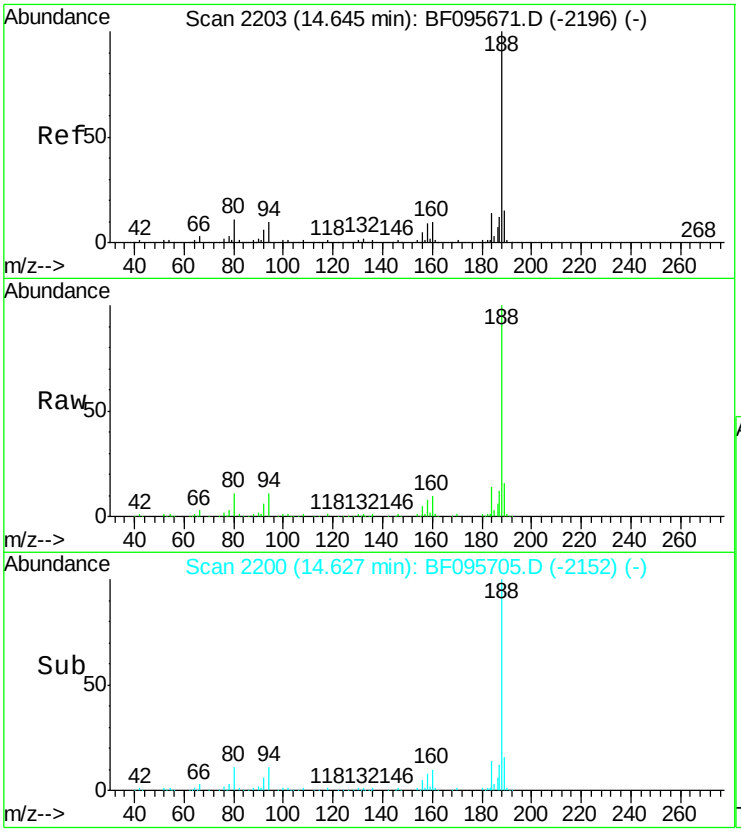


#44
2-Fluorobiphenyl
Concen: 84.697 ng
RT: 11.19 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:172 Resp: 1033060

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	19.8	29.8



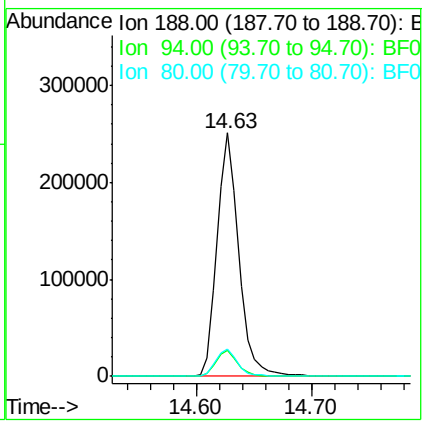


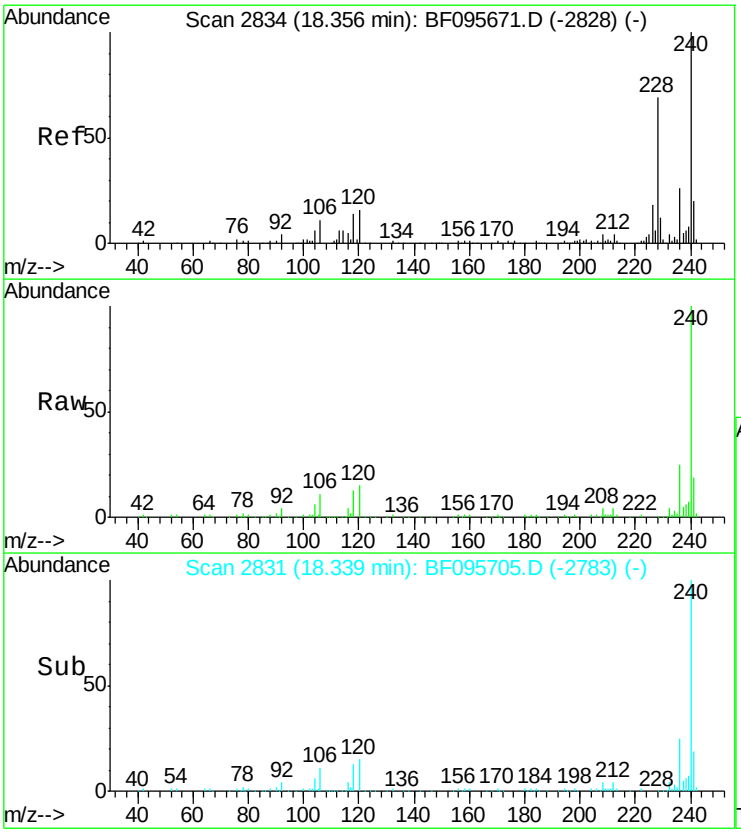
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion:188 Resp: 326781

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.3	10.2	15.2

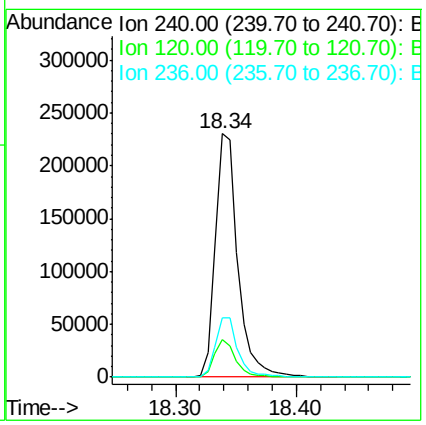


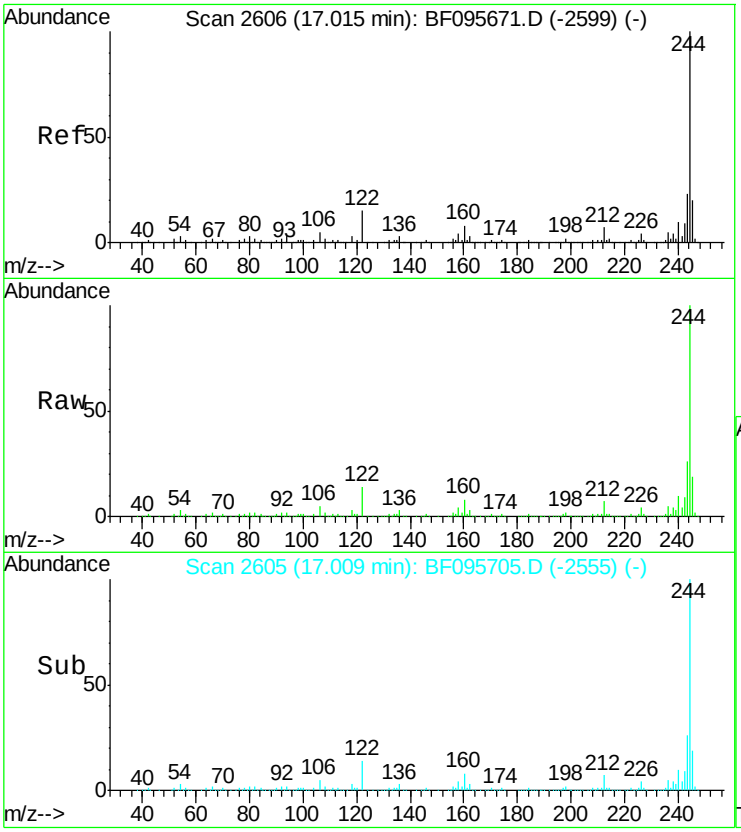


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.34 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:240 Resp: 294689

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.6	20.5	30.7



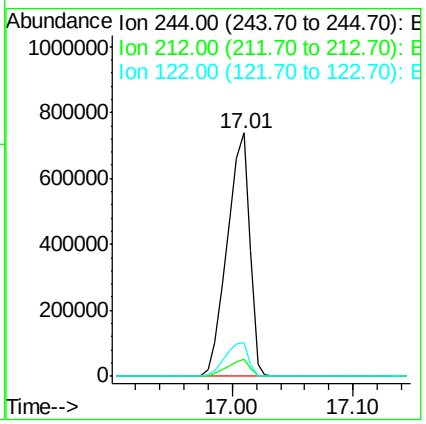


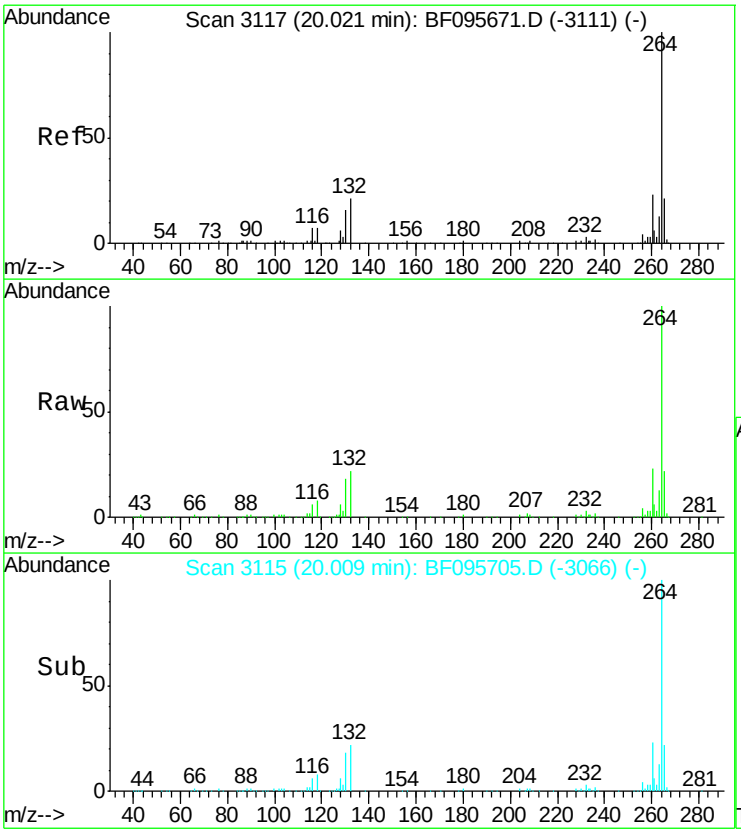
#78
Terphenyl-d14
Concen: 80.791 ng
RT: 17.01 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion:244 Resp: 959336

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 20.01 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:264 Resp: 232978

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.1	17.2	25.8