Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095707.D
Acq On : 6 Jun 2017 14:04
Operator : SJ/MA
Sample : I3444-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-RO-240-060117

Quant Time: Jun 06 17:17:04 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	7.39	152	88345	20.00	ng	-0.01
21) Naphthalene-d8	9.41	136	373615	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	168496	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	326975	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	337933	20.00	ng	-0.02
86) Perylene-d12	20.01	264	237771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	798069	143.95	ng	0.00
7) Phenol-d6	6.94	99	797477	120.15	ng	-0.02
23) Nitrobenzene-d5	8.30	82	554999	92.26	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	222782	149.44	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1272193	105.07	ng	-0.02
78) Terphenyl-d14	17.01	244	1089184	79.99	ng	0.00

Target Compounds	Qvalue

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

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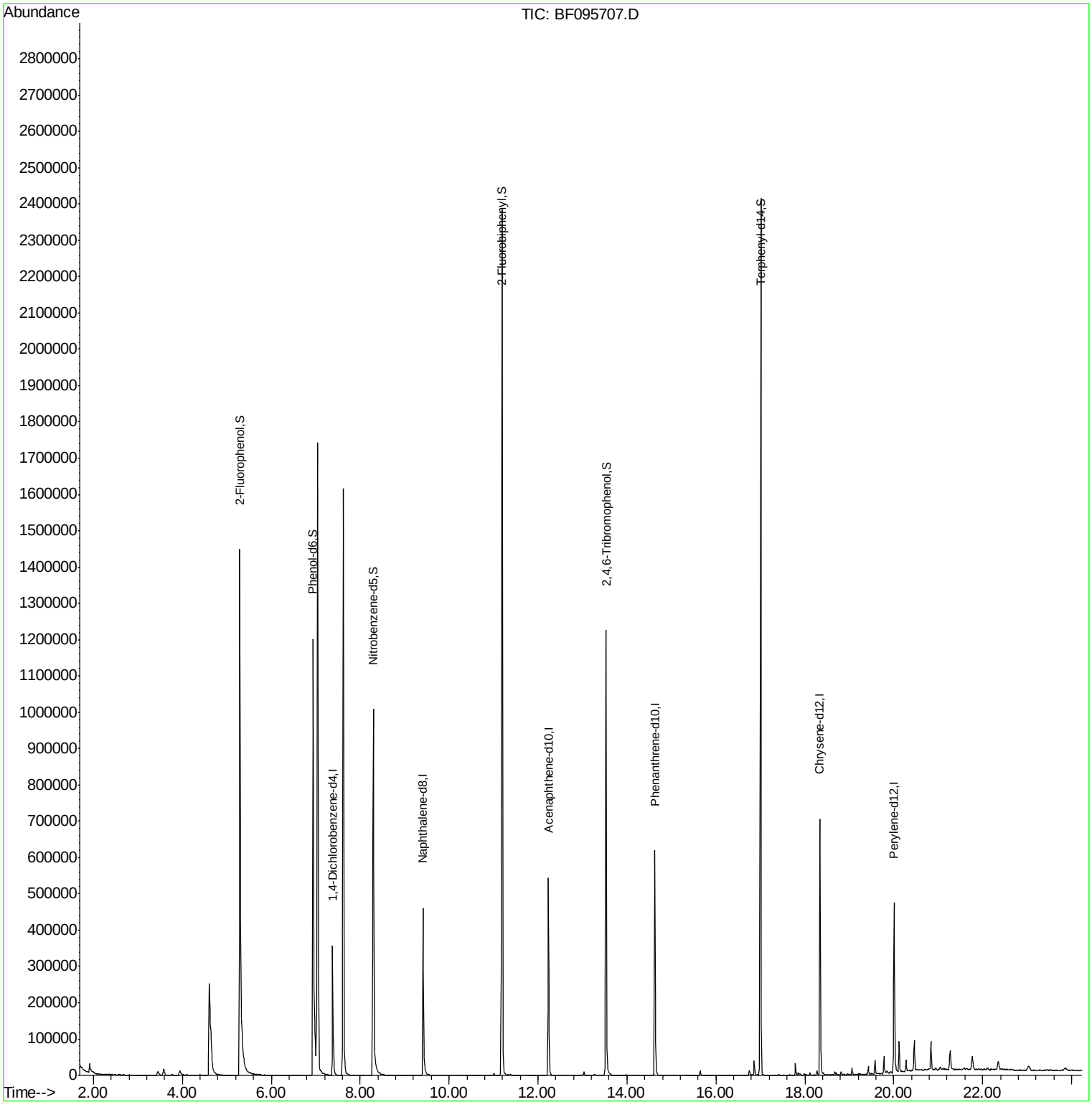
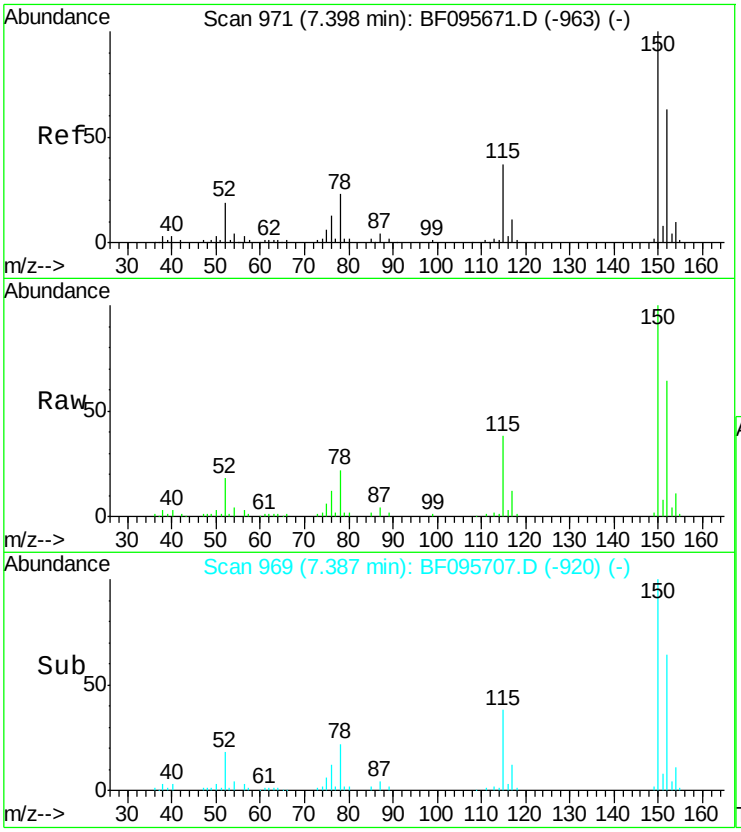


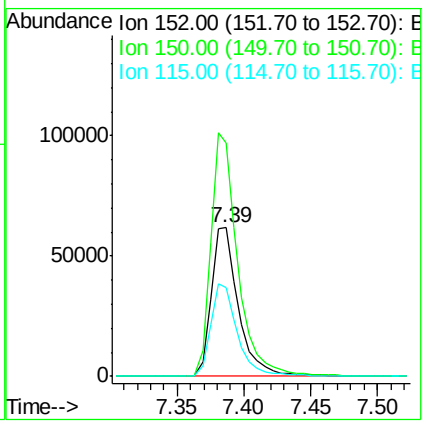


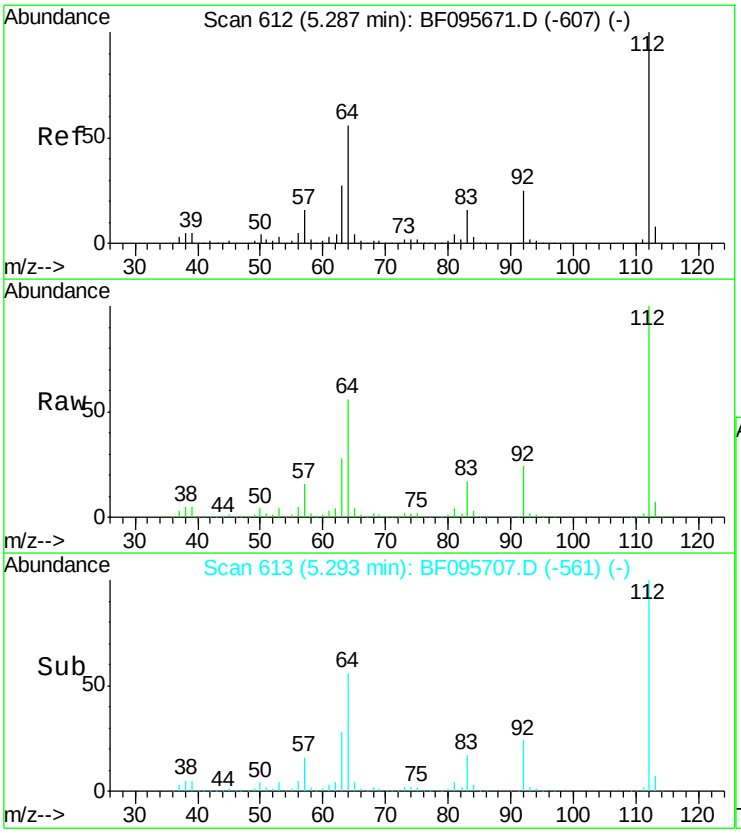
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion:152 Resp: 88345

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	59.7	52.2	78.2

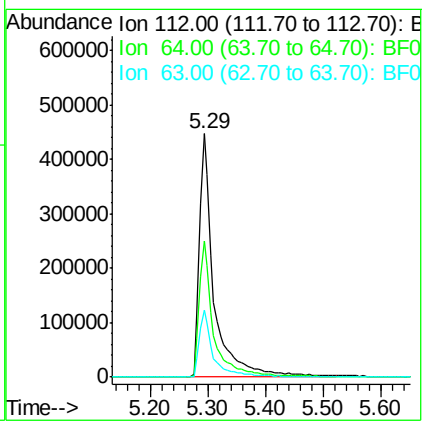


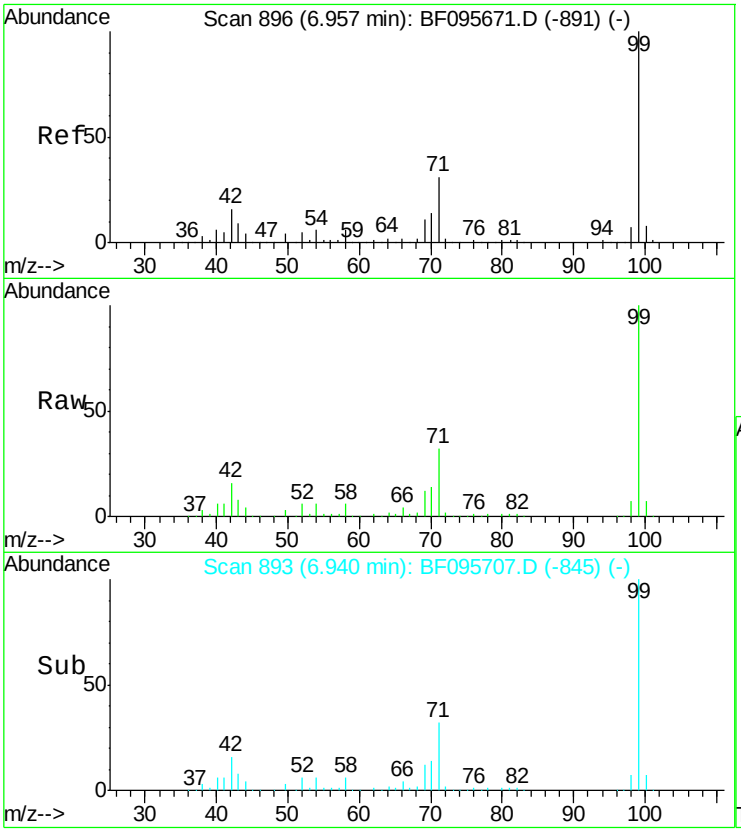


#5
2-Fluorophenol
Concen: 143.945 ng
RT: 5.29 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Tgt Ion:112 Resp: 798069

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	27.5	23.4	35.0



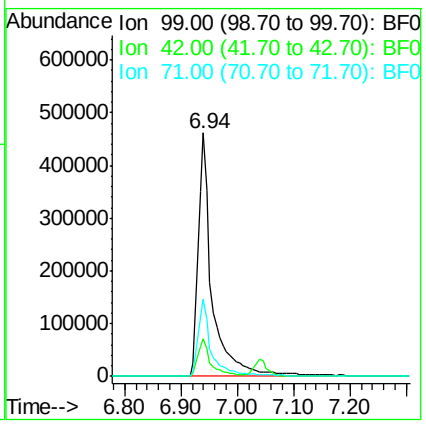


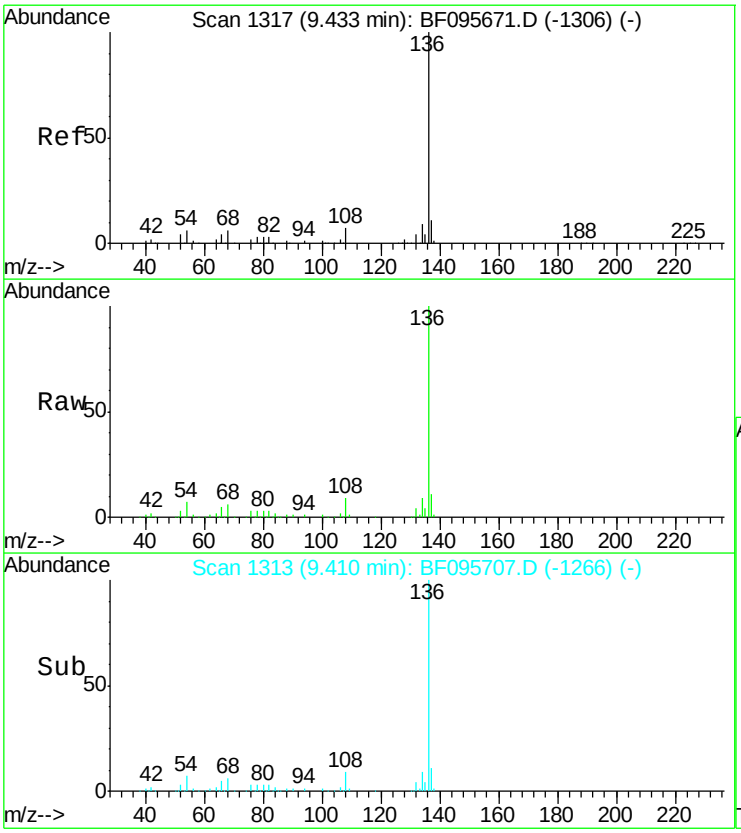
#7
Phenol-d6
Concen: 120.149 ng
RT: 6.94 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion: 99 Resp: 797477

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.6	24.5	36.7

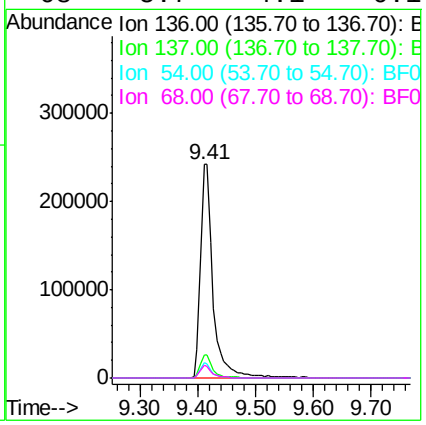


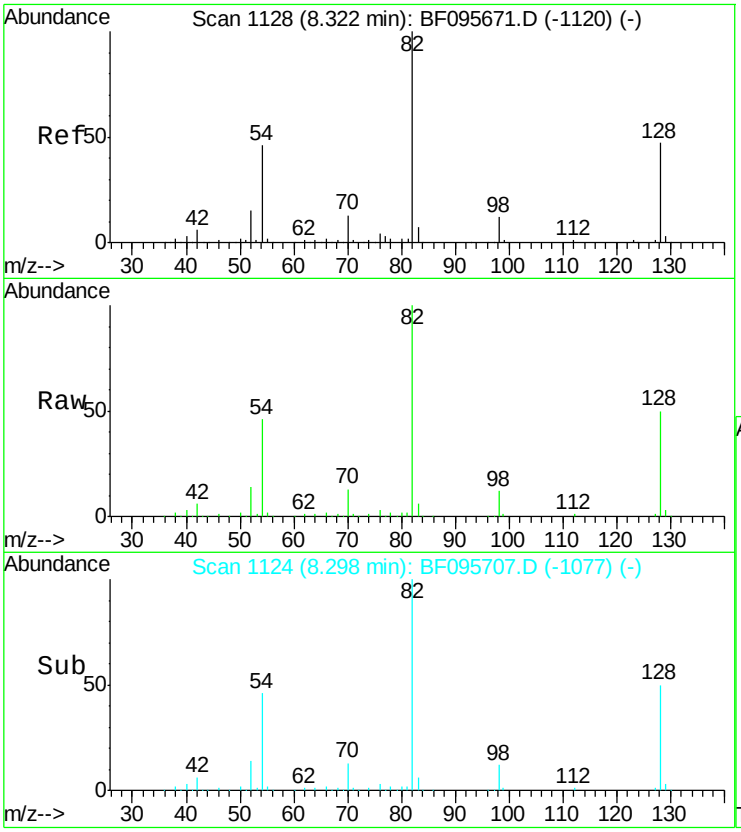


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.41 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Tgt Ion:136 Resp: 373615

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1



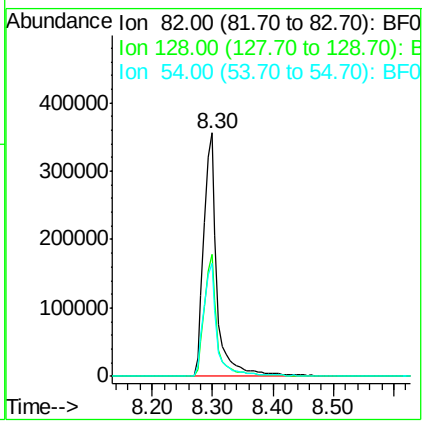


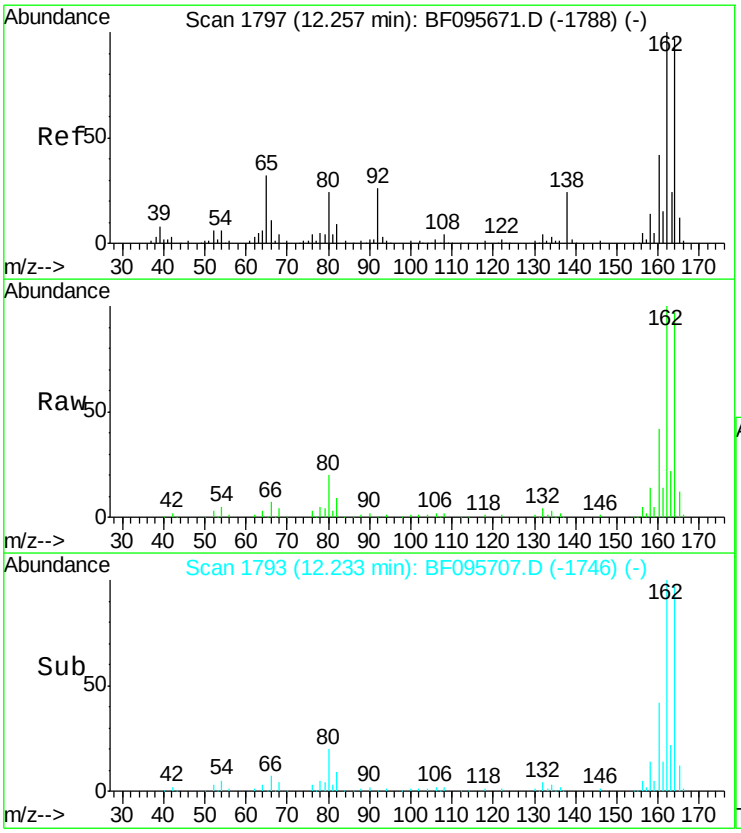
#23
Nitrobenzene-d5
Concen: 92.255 ng
RT: 8.30 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion: 82 Resp: 554999

Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.0	51.0
54	46.3	42.2	63.2

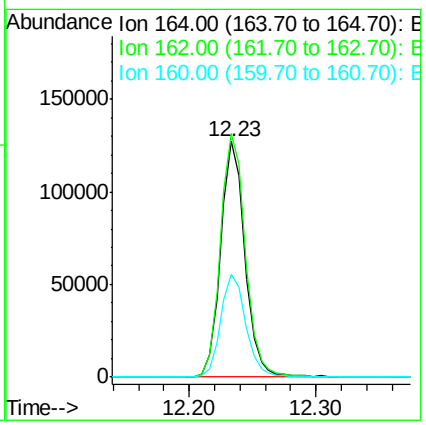


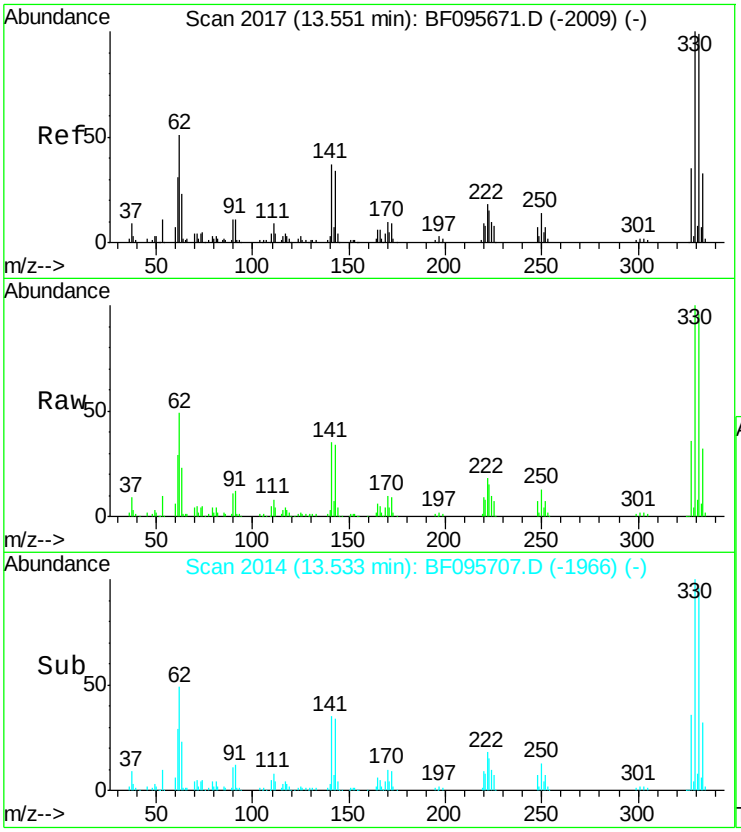


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.23 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Tgt Ion:164 Resp: 168496

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	43.8	36.2	54.2



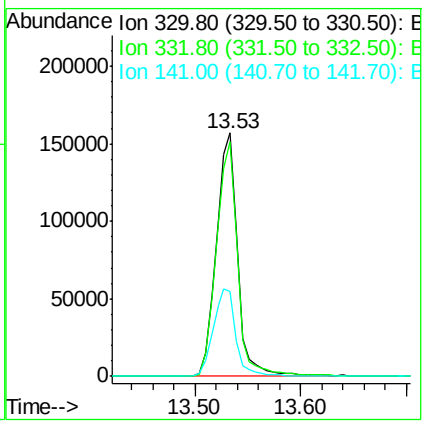


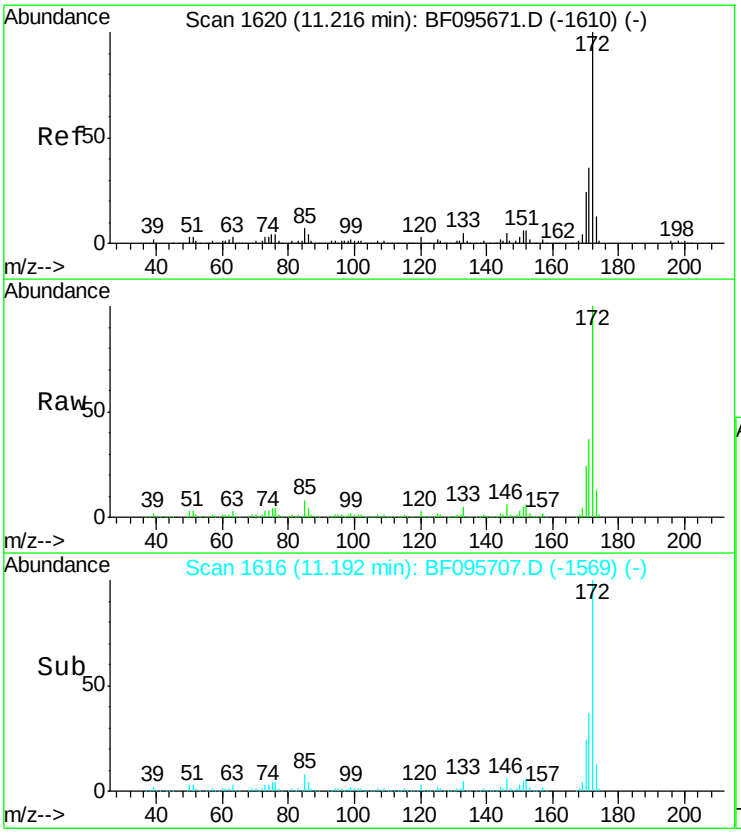
#41
2,4,6-Tribromophenol
Concen: 149.438 ng
RT: 13.53 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion:330 Resp: 222782

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	37.8	31.4	47.2

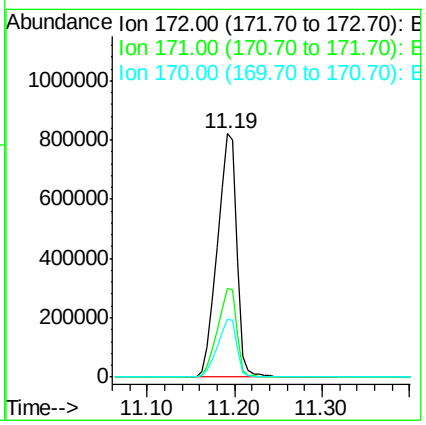


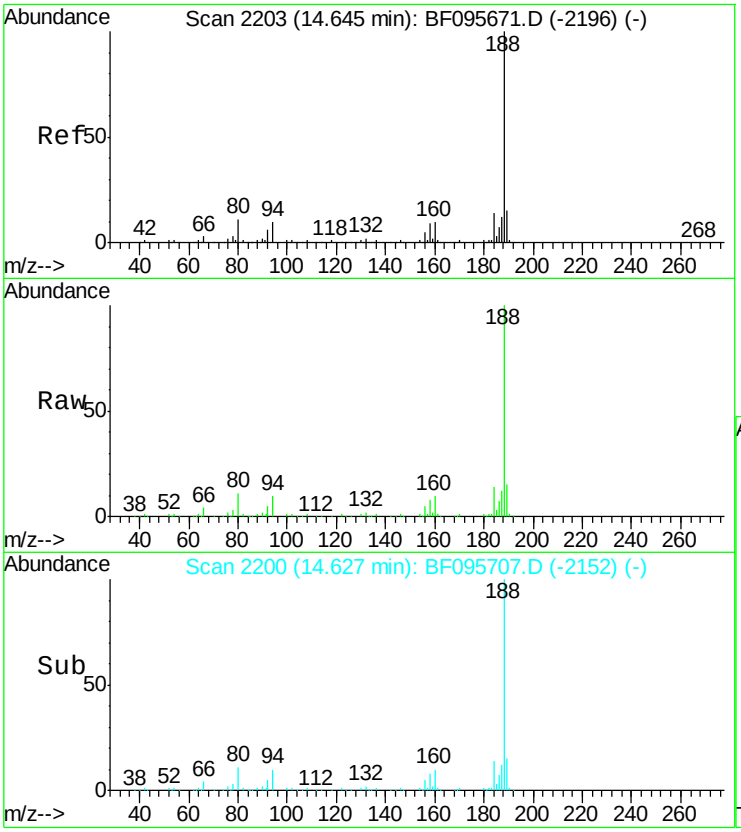


#44
2-Fluorobiphenyl
Concen: 105.068 ng
RT: 11.19 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Tgt Ion:172 Resp: 1272193

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.8	19.8	29.8



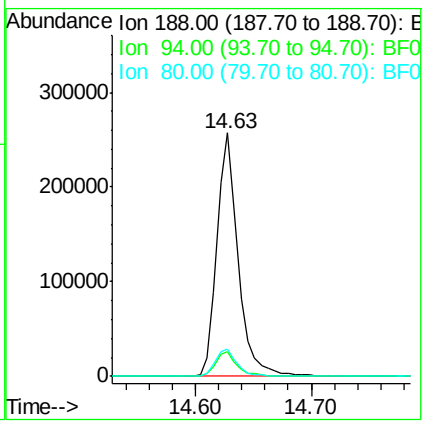


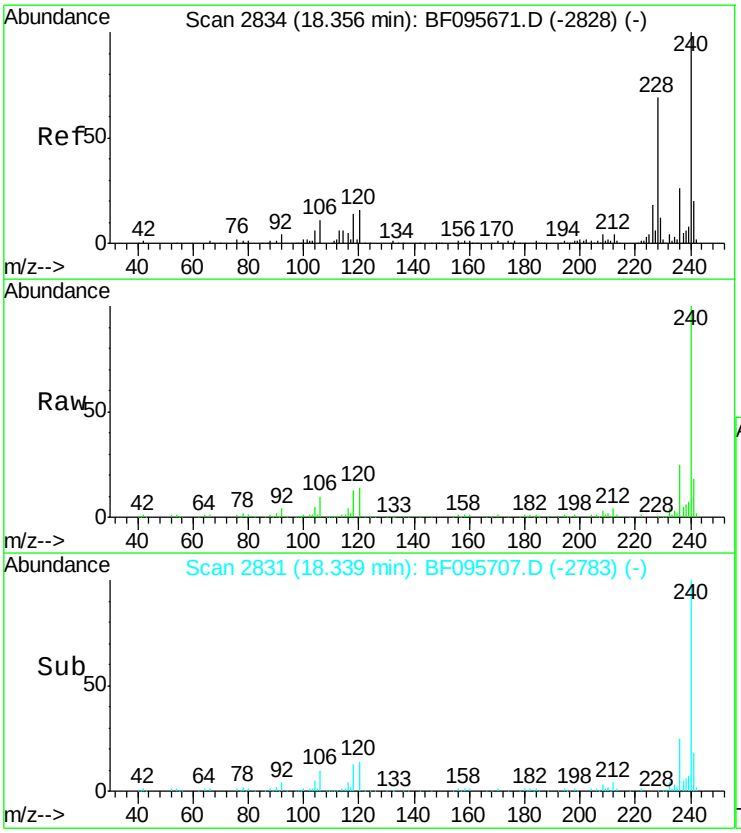
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion:188 Resp: 326975

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.1	10.2	15.2

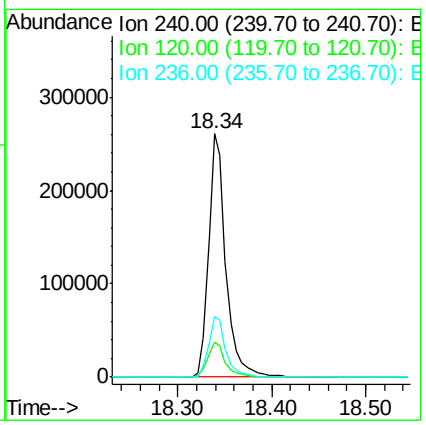


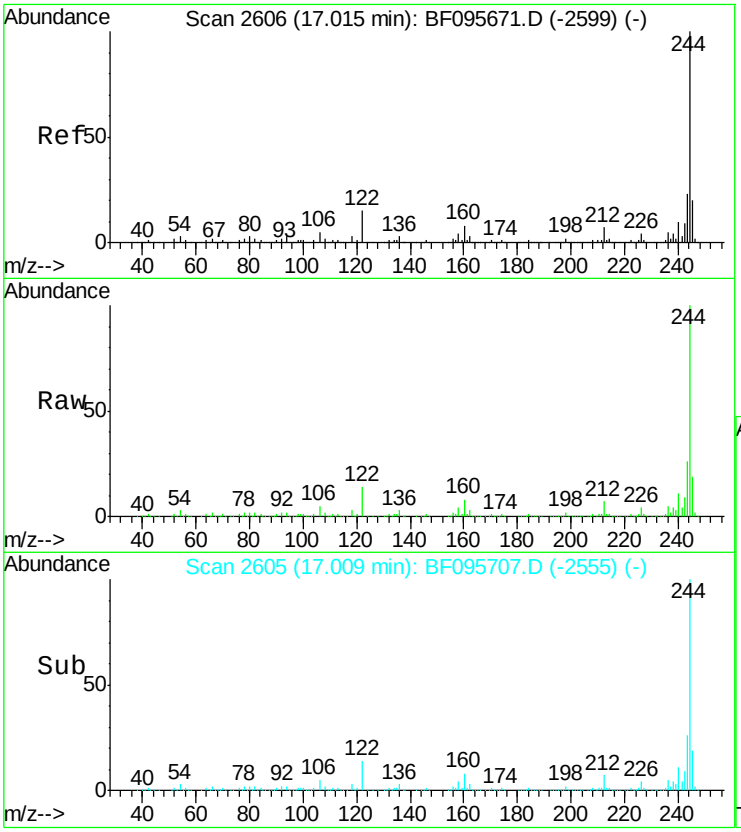


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.34 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Tgt Ion:240 Resp: 337933

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	24.8	20.5	30.7



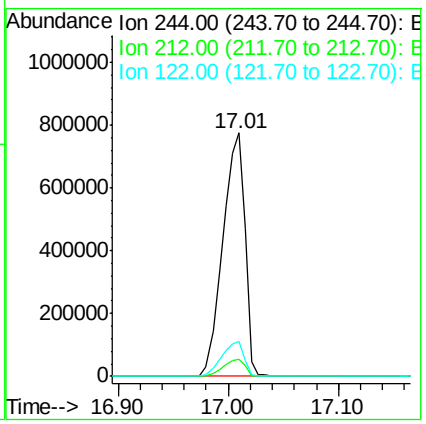


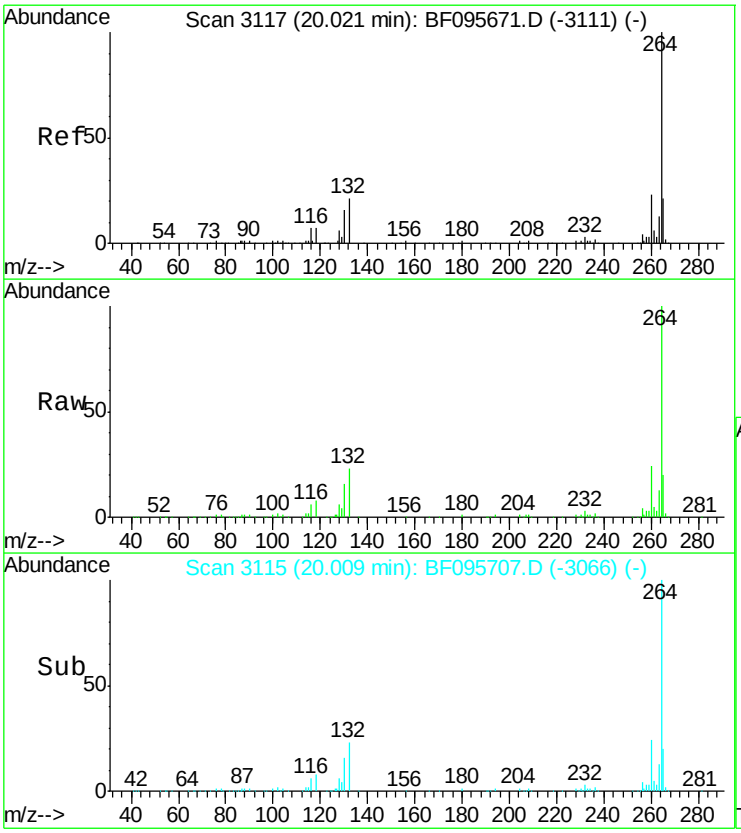
#78
Terphenyl-d14
Concen: 79.988 ng
RT: 17.01 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF095707.D
Acq: 6 Jun 2017 14:04

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion:244 Resp: 1089184

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.2	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: BF095707.D
Acq: 6 Jun 2017 14:04

Tgt Ion:264 Resp: 237771

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.0	17.2	25.8