Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095600.D
Acq On : 1 Jun 2017 18:05
Operator : SJ/MA
Sample : I3379-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S22-EB-2017-1

Quant Time: Jun 02 02:35:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	85526	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	365176	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	172767	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	281998	20.00	ng	0.00
75) Chrysene-d12	18.50	240	247123	20.00	ng	0.00
86) Perylene-d12	20.17	264	169433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	301575	58.79	ng	0.01
7) Phenol-d6	7.10	99	216415	35.16	ng	0.00
23) Nitrobenzene-d5	8.45	82	526537	90.92	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	182972	129.32	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1058429	88.18	ng	0.00
78) Terphenyl-d14	17.15	244	906795	80.82	ng	0.00
Target Compounds						Qvalue

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

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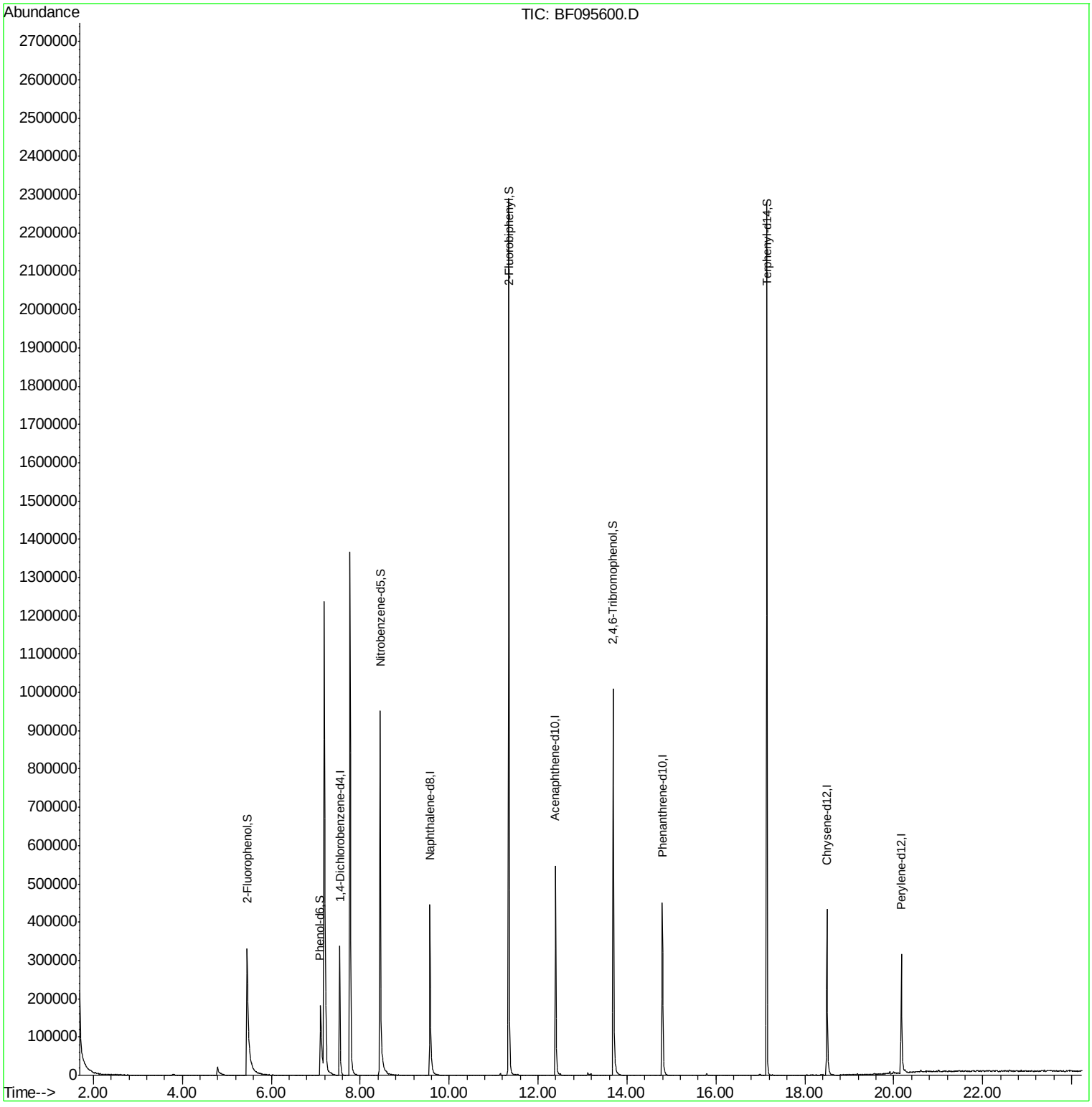
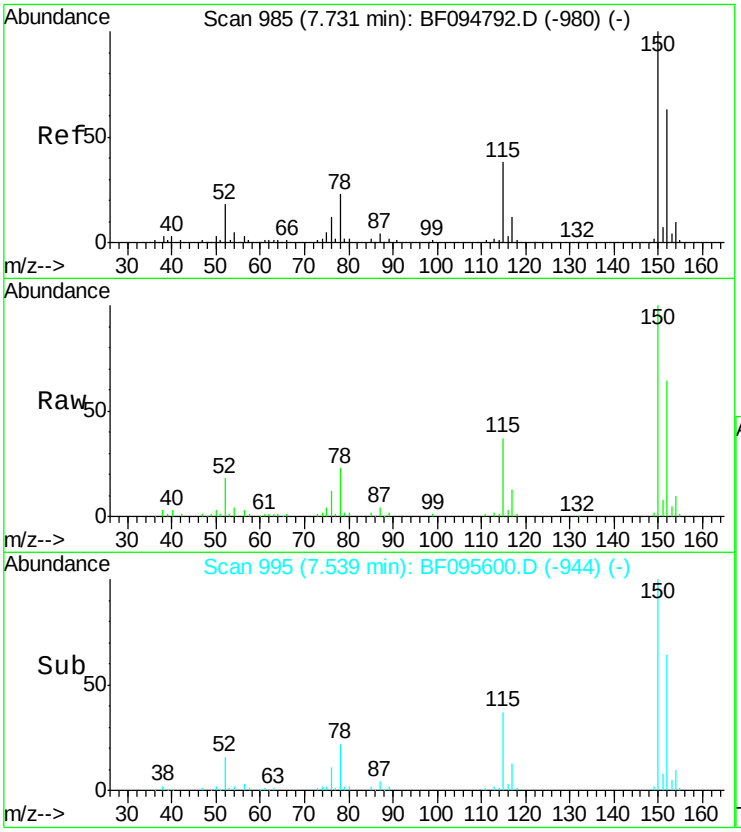


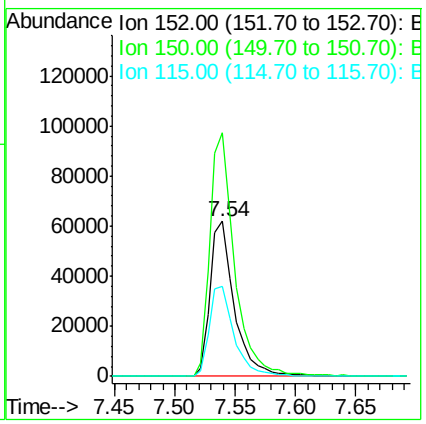


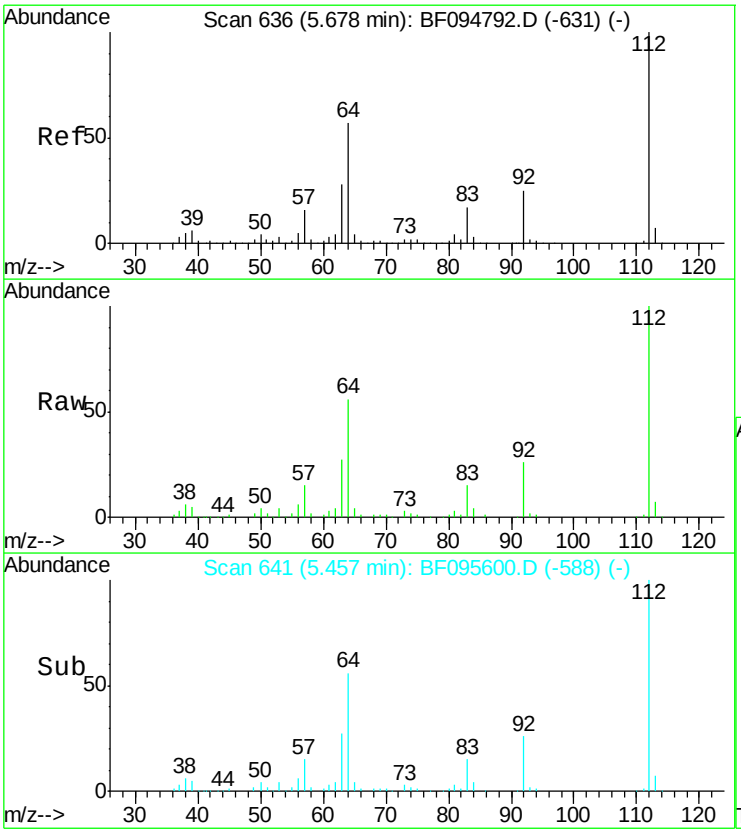
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-1

Tgt Ion:152 Resp: 85526

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	58.0	52.2	78.2

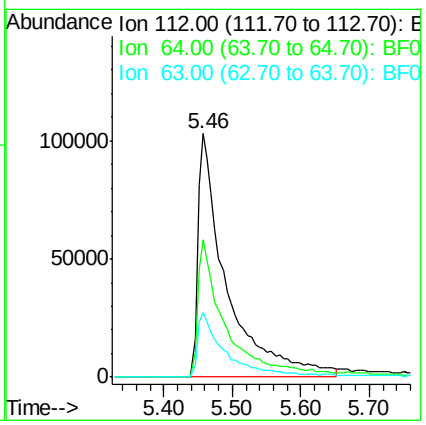


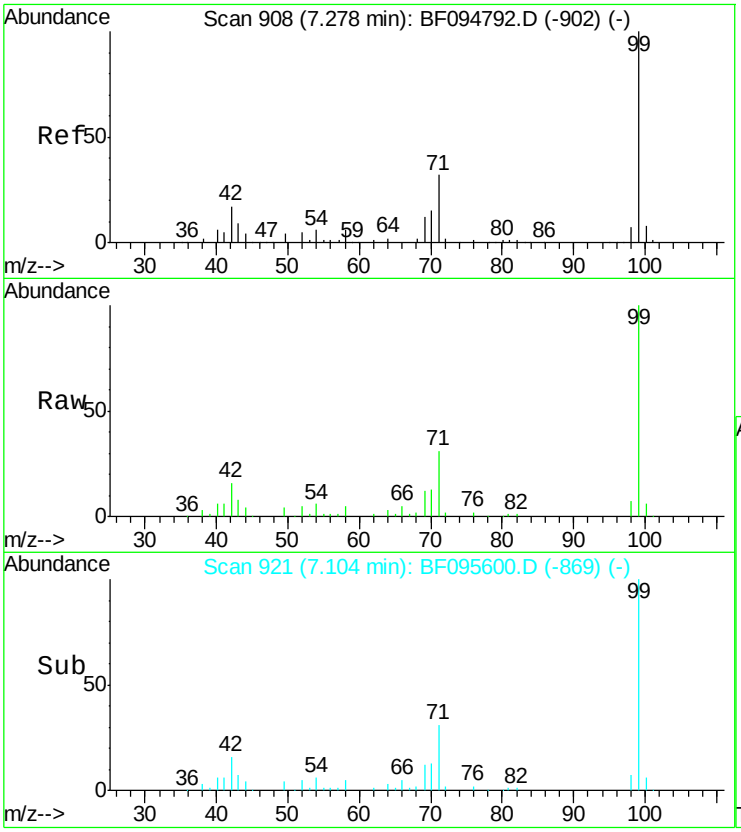


#5
2-Fluorophenol
Concen: 58.788 ng
RT: 5.46 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Tgt Ion:112 Resp: 301575

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.7	23.4	35.0



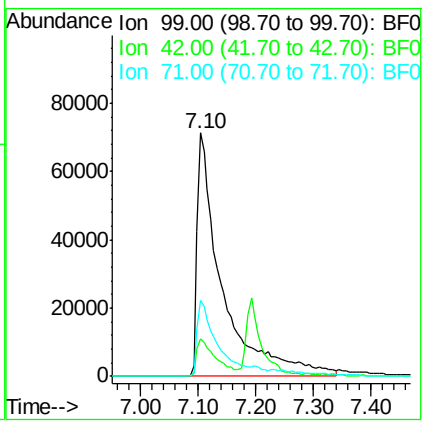


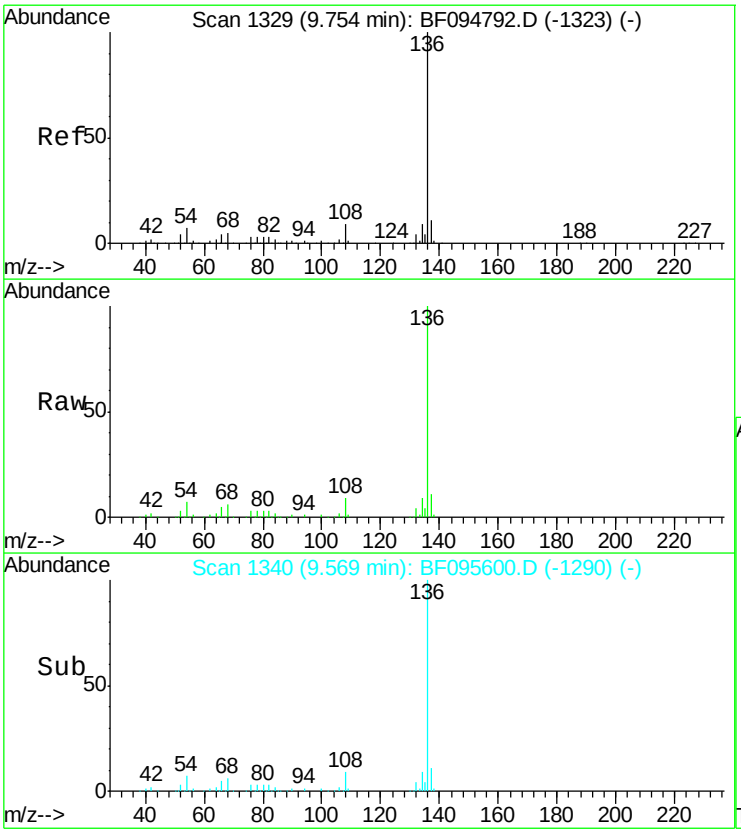
#7
Phenol-d6
Concen: 35.160 ng
RT: 7.10 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-1

Tgt Ion: 99 Resp: 216415

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	31.1	24.5	36.7

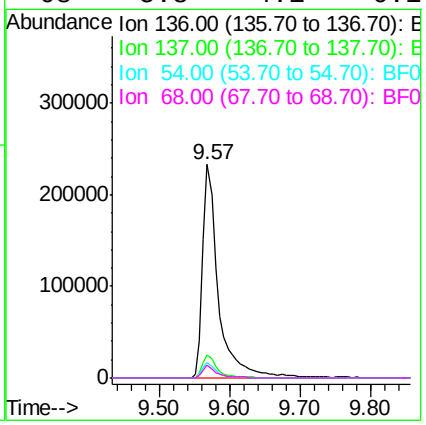


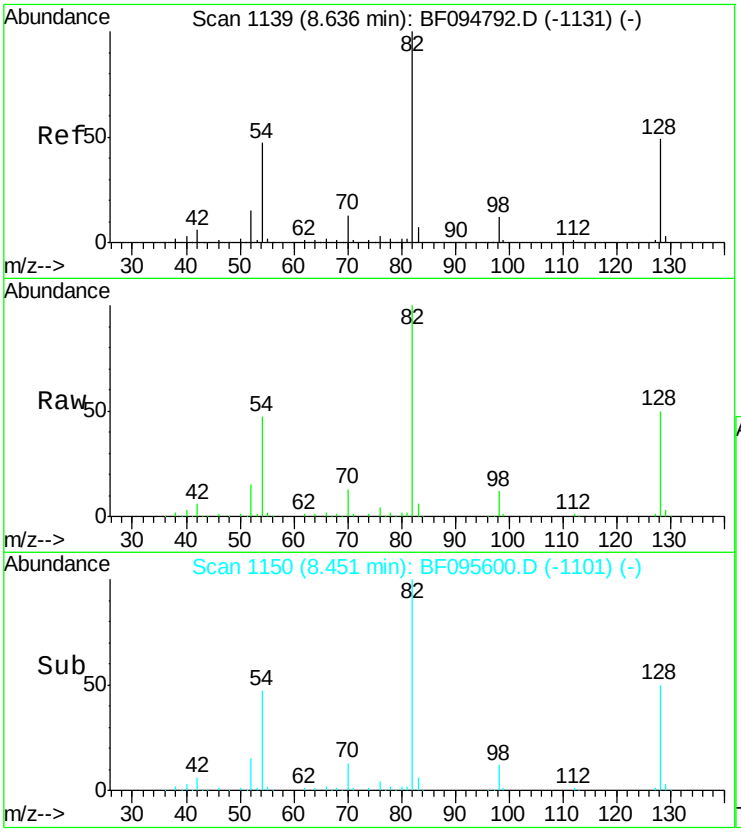


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Tgt Ion:136 Resp: 365176

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1



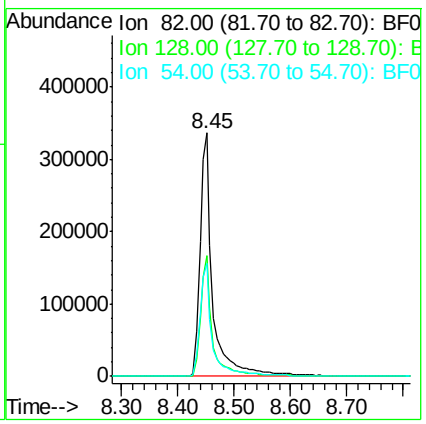


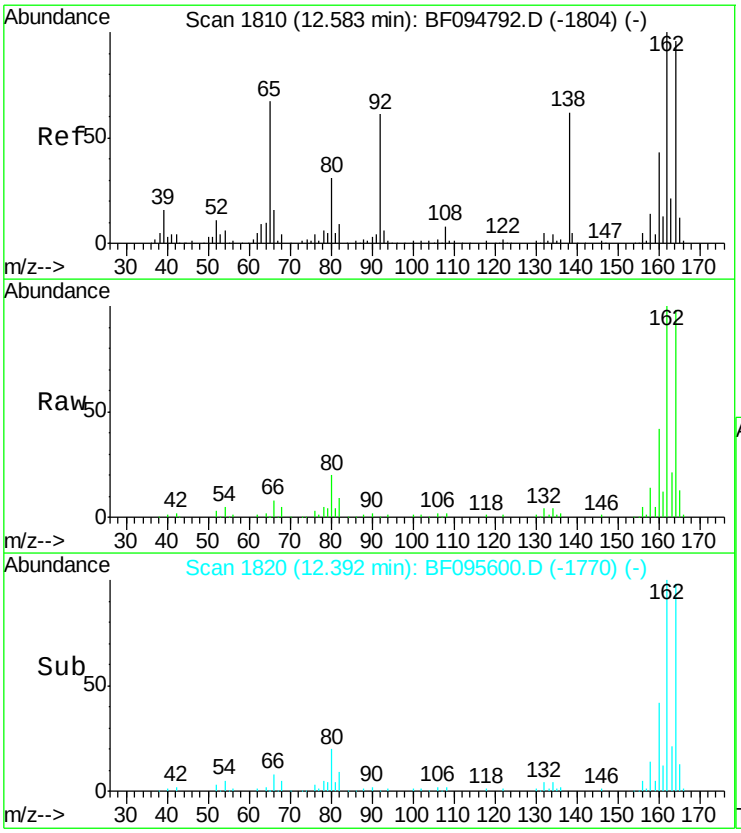
#23
Nitrobenzene-d5
Concen: 90.922 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-1

Tgt Ion: 82 Resp: 526537

Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.0	51.0
54	46.7	42.2	63.2

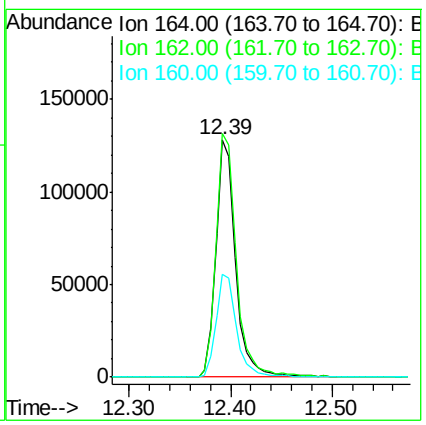


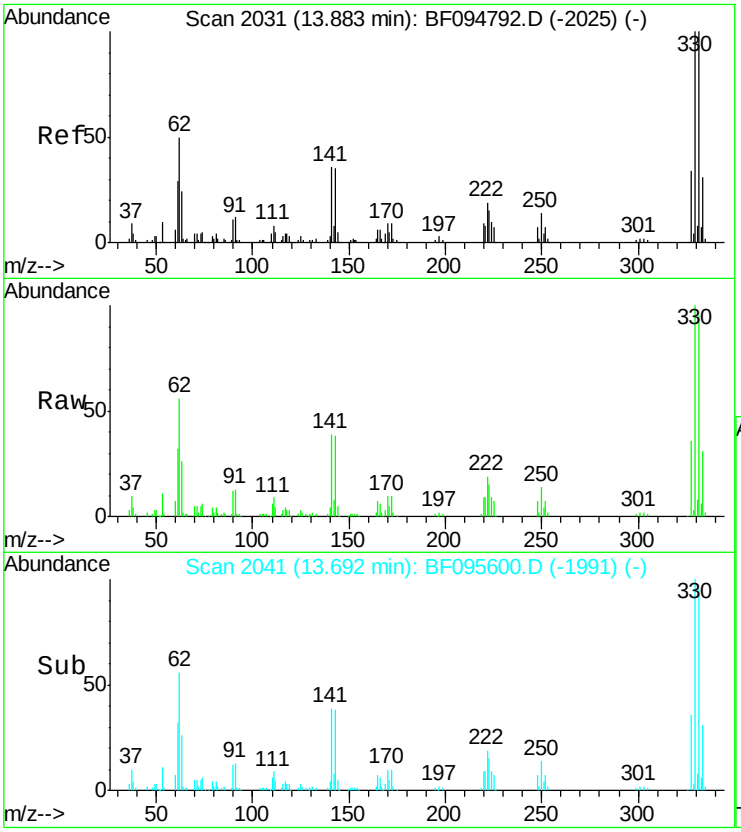


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Tgt Ion:164 Resp: 172767

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	43.5	36.2	54.2



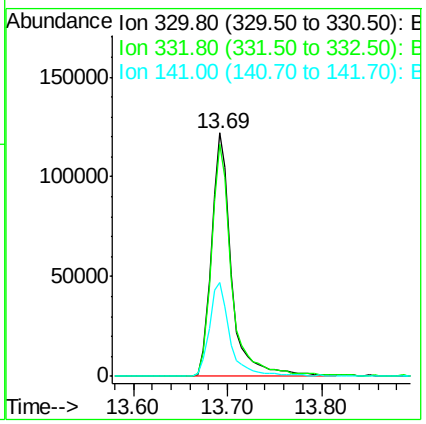


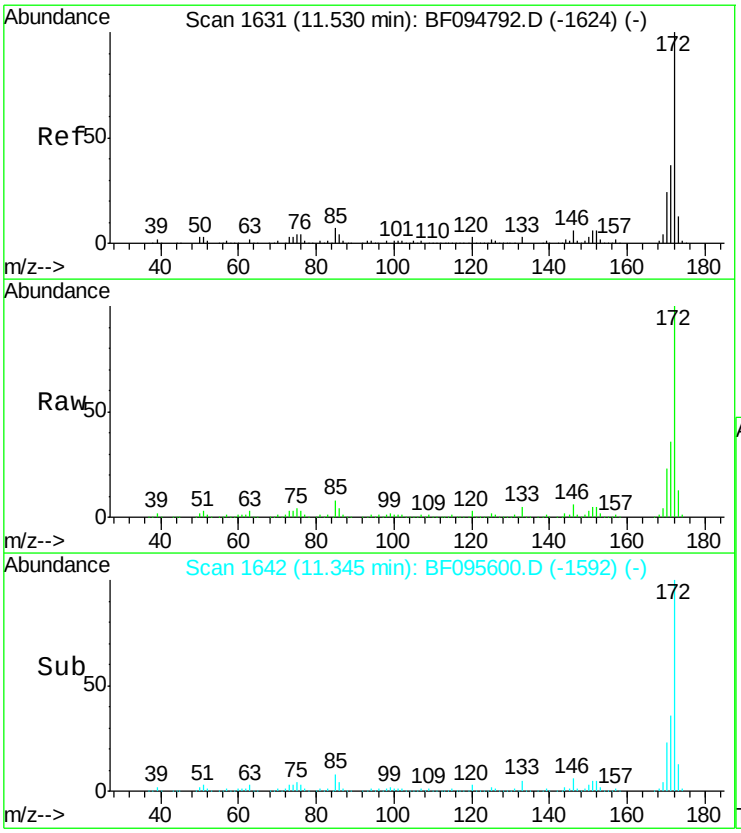
#41
2,4,6-Tribromophenol
Concen: 129.317 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-1

Tgt Ion:330 Resp: 182972

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	40.0	31.4	47.2

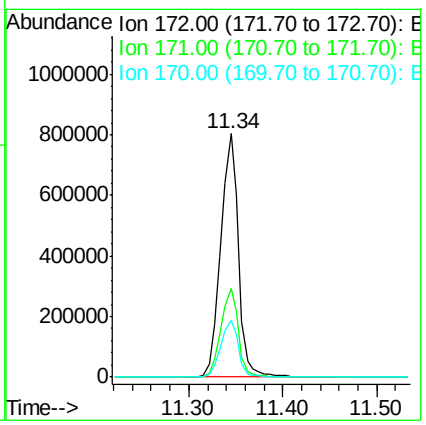


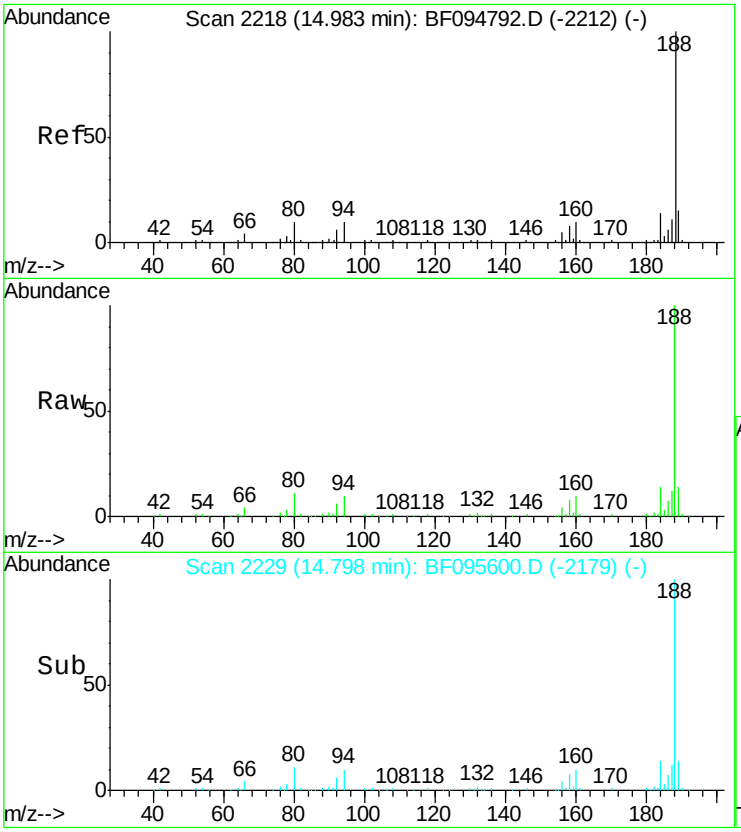


#44
2-Fluorobiphenyl
Concen: 88.179 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Tgt Ion:172 Resp: 1058429

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.1	19.8	29.8



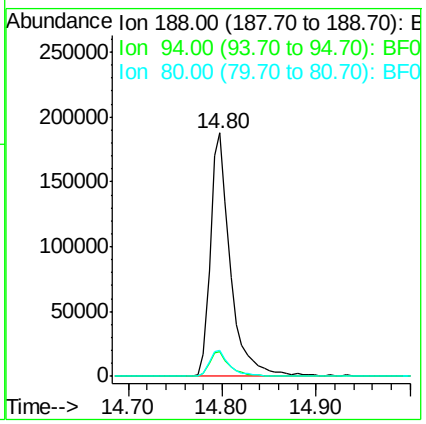


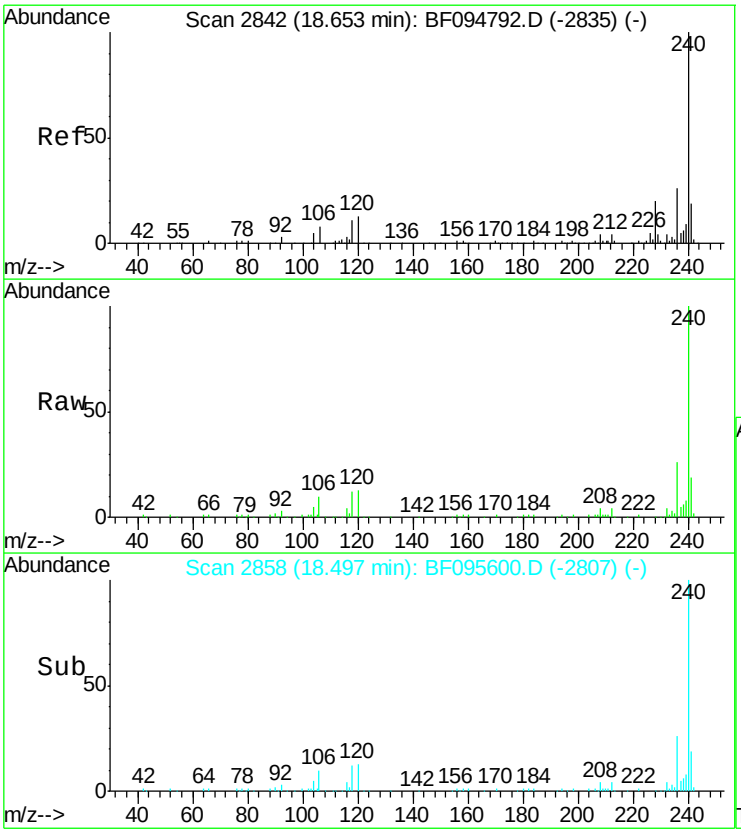
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-1

Tgt Ion:188 Resp: 281998

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.8	10.2	15.2

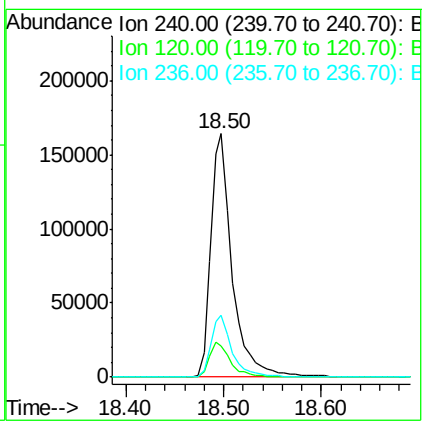


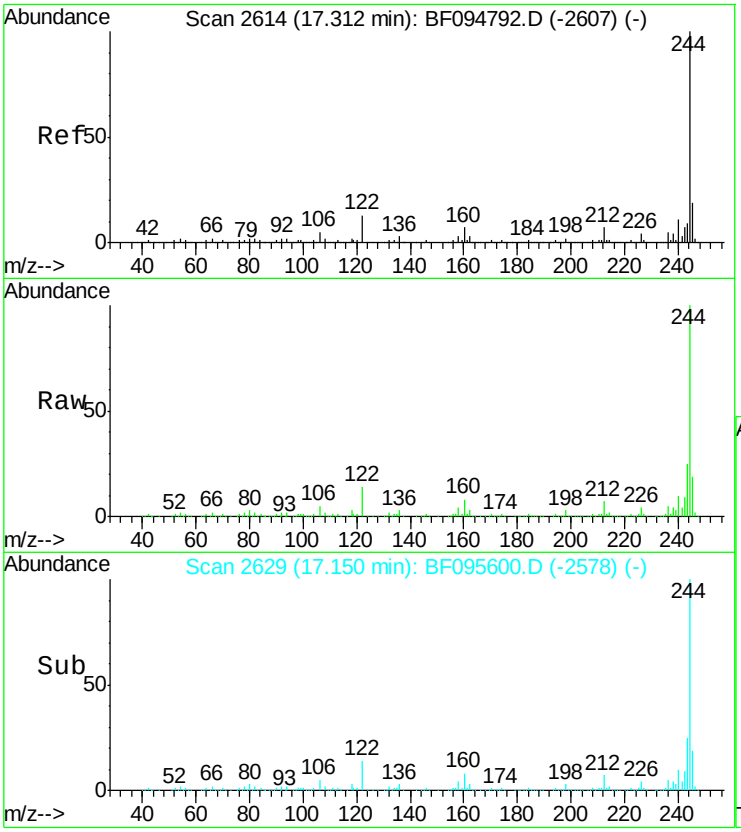


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Tgt Ion:240 Resp: 247123

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	25.7	20.5	30.7



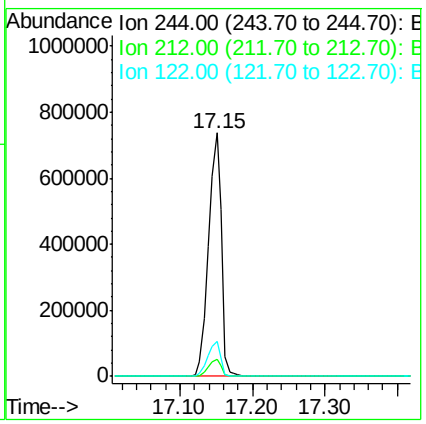


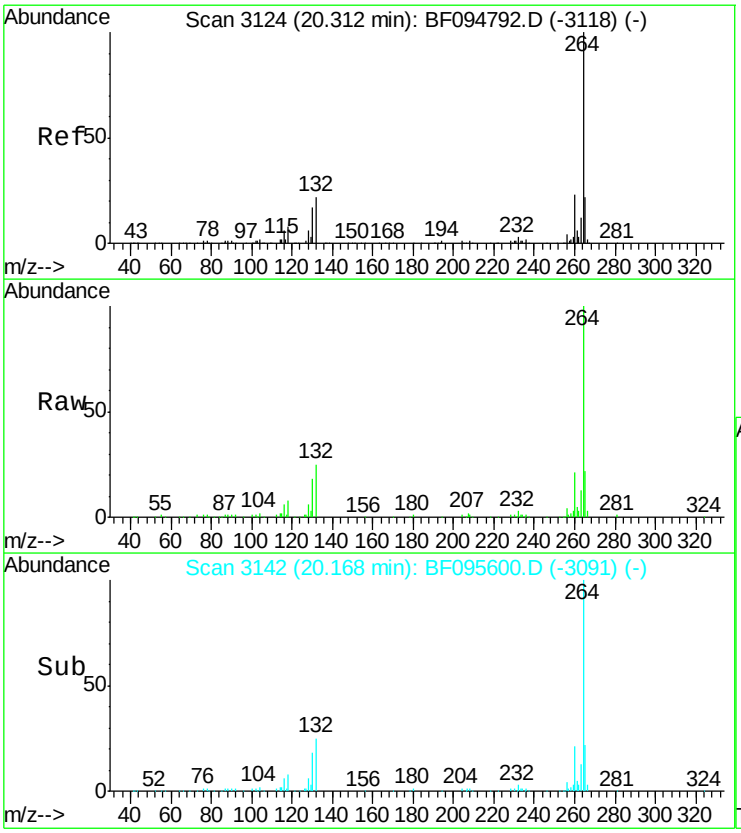
#78
Terphenyl-d14
Concen: 80.821 ng
RT: 17.15 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-1

Tgt Ion:244 Resp: 906795

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.3	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095600.D
Acq: 1 Jun 2017 18:05

Tgt Ion:264 Resp: 169433

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	21.8	17.2	25.8