Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094971.D
Acq On : 8 May 2017 6:14
Operator : SJ/MA
Sample : I2947-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06-4.5-5.0

Quant Time: May 08 08:52:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	109249	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	425590	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	193744	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	315120	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	234095	20.00	ng	-0.02
86) Perylene-d12	20.30	264	212271	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	862951	131.69	ng	-0.01
7) Phenol-d6	7.27	99	1120221	142.48	ng	-0.01
23) Nitrobenzene-d5	8.62	82	609429	90.30	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	210687	132.78	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1176586	87.41	ng	-0.01
78) Terphenyl-d14	17.29	244	817974	76.96	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.28	94	24222	2.92	ng	90
49) Dimethylphthalate	12.20	163	201381	12.66	ng	98

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

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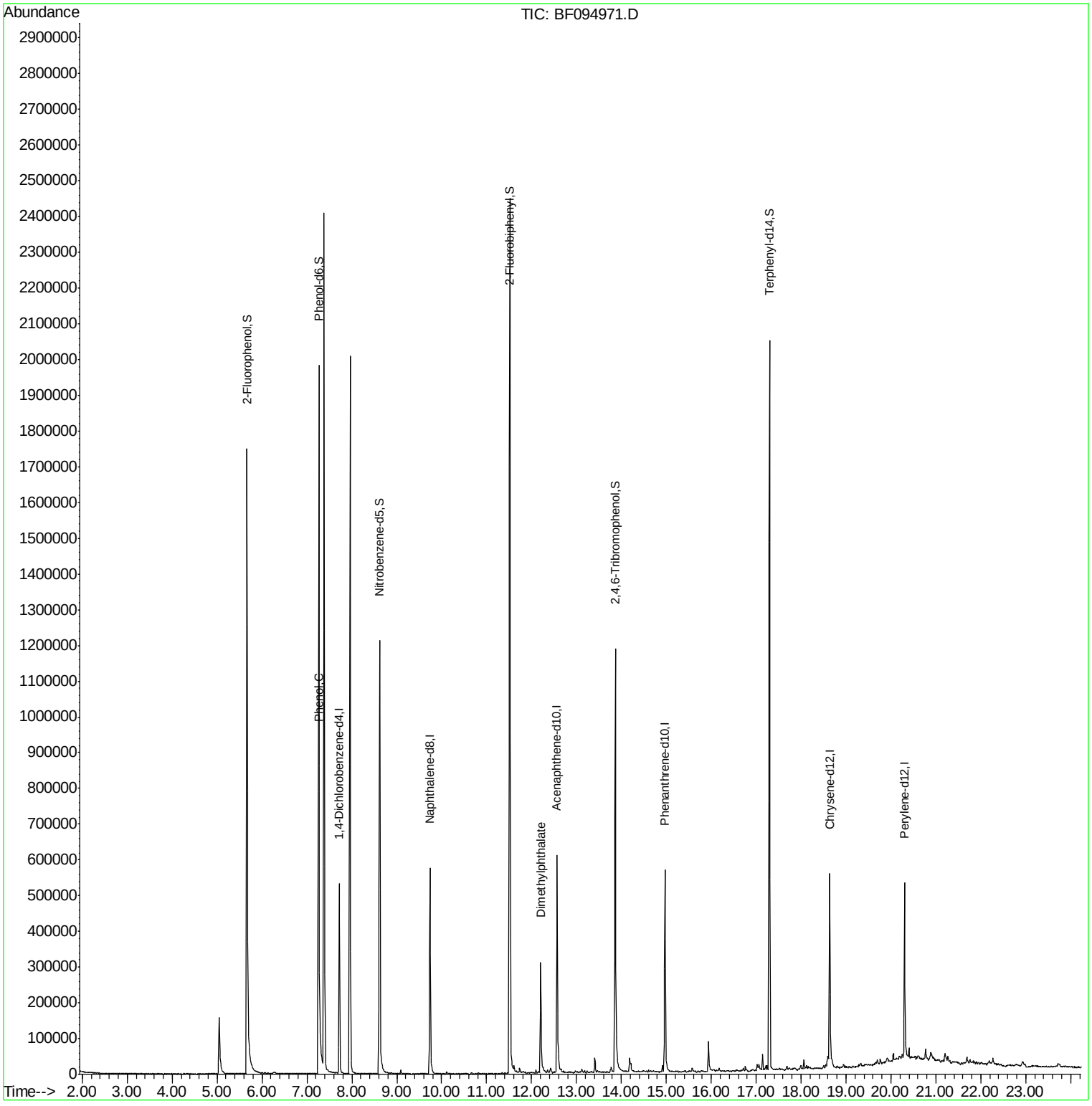
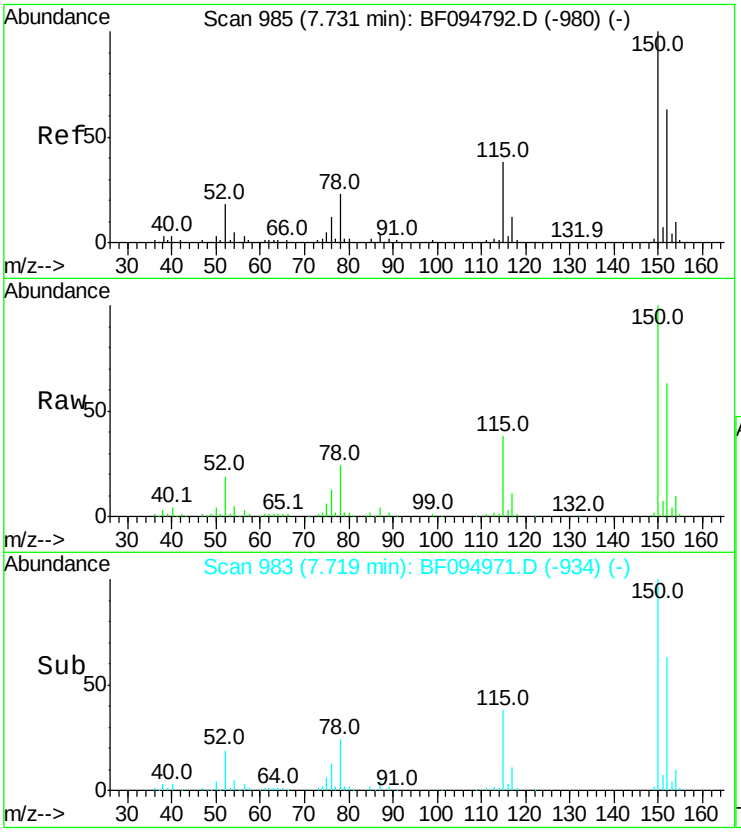


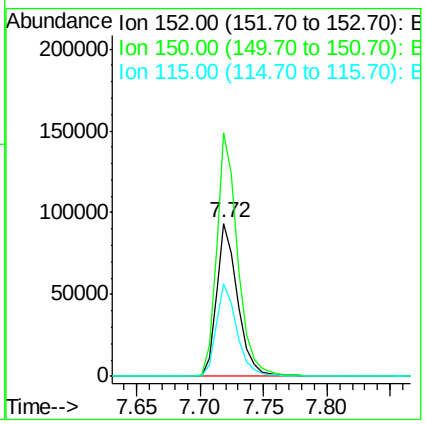


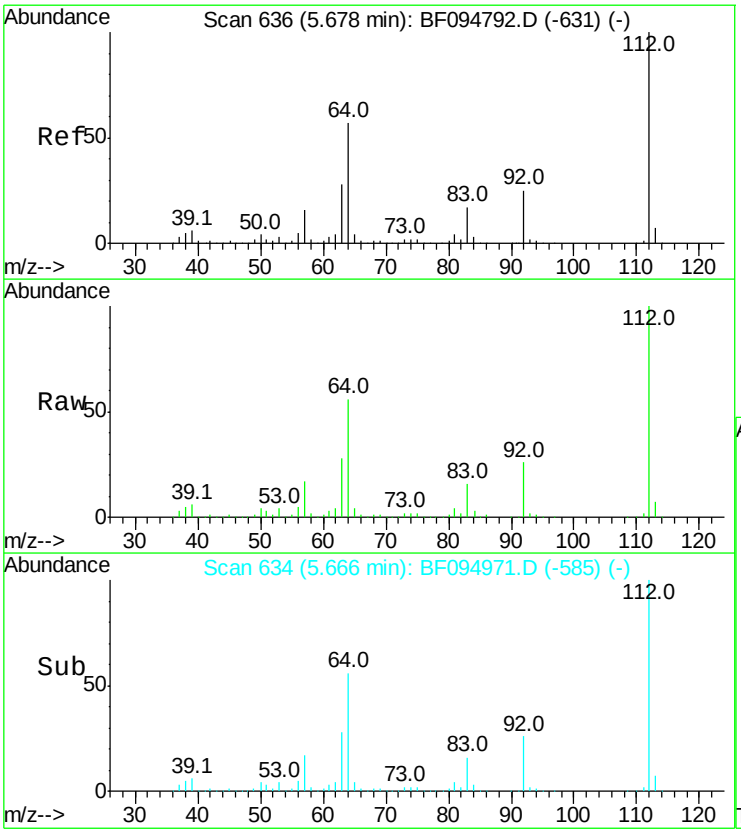
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:152 Resp: 109249

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	60.3	52.2	78.2

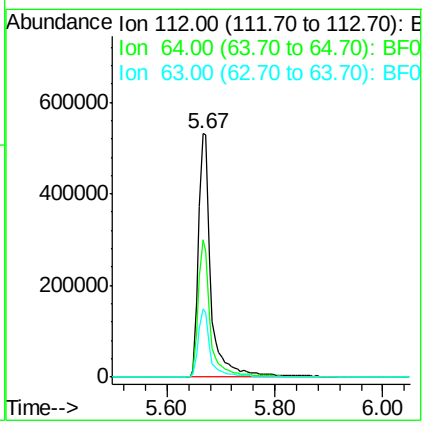


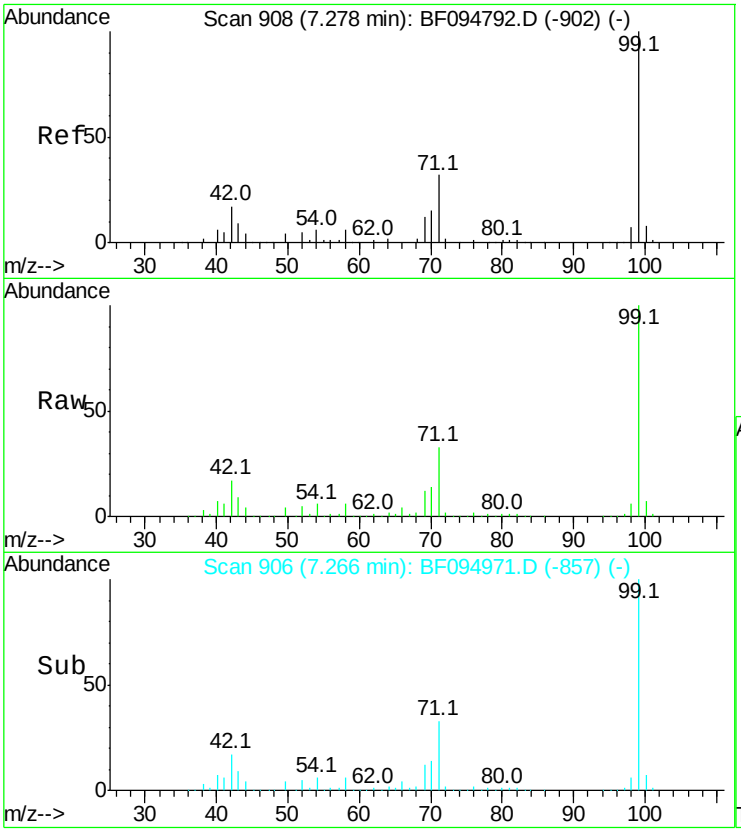


#5
2-Fluorophenol
Concen: 131.69 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion:112 Resp: 862951

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	27.9	23.4	35.0



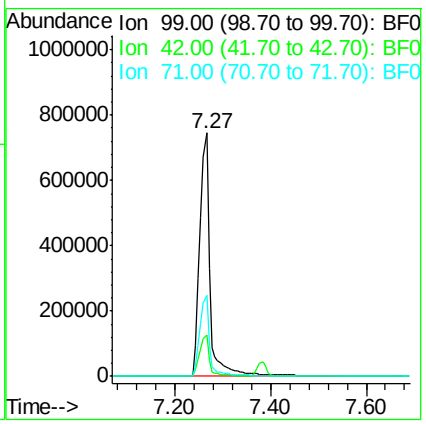


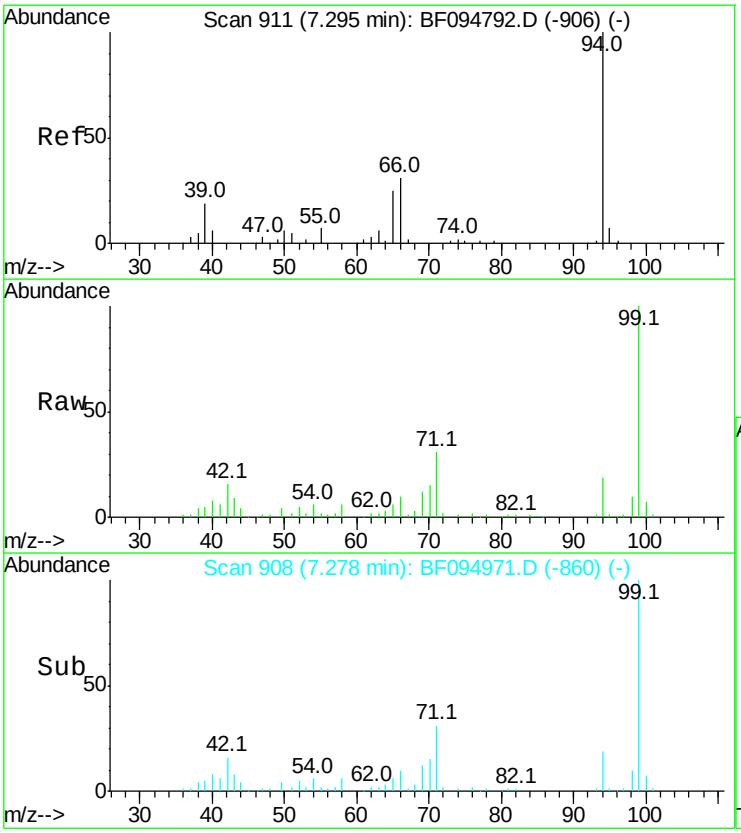
#7
Phenol-d6
Concen: 142.48 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion: 99 Resp: 1120221

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.0	24.5	36.7

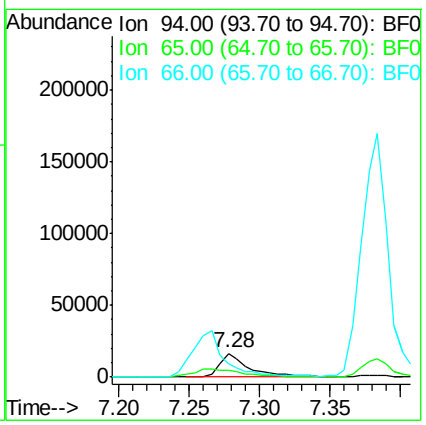


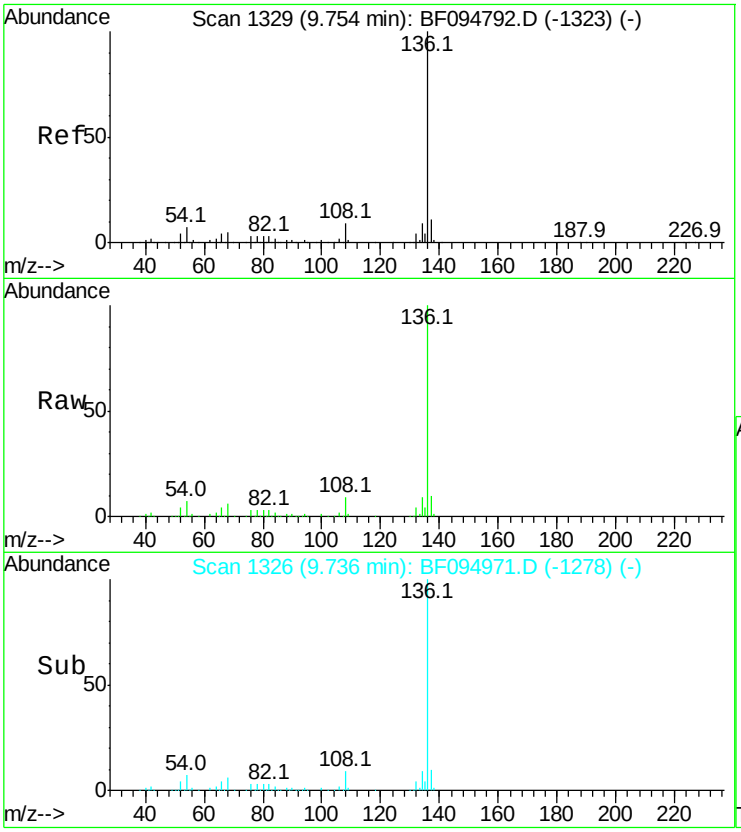


#10
Phenol
Concen: 2.92 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion: 94 Resp: 24222

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.9	49.9
66	53.0	23.1	63.1



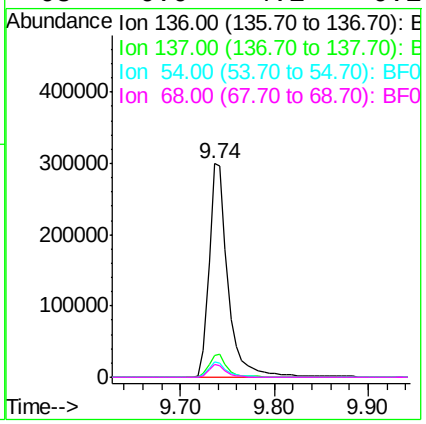


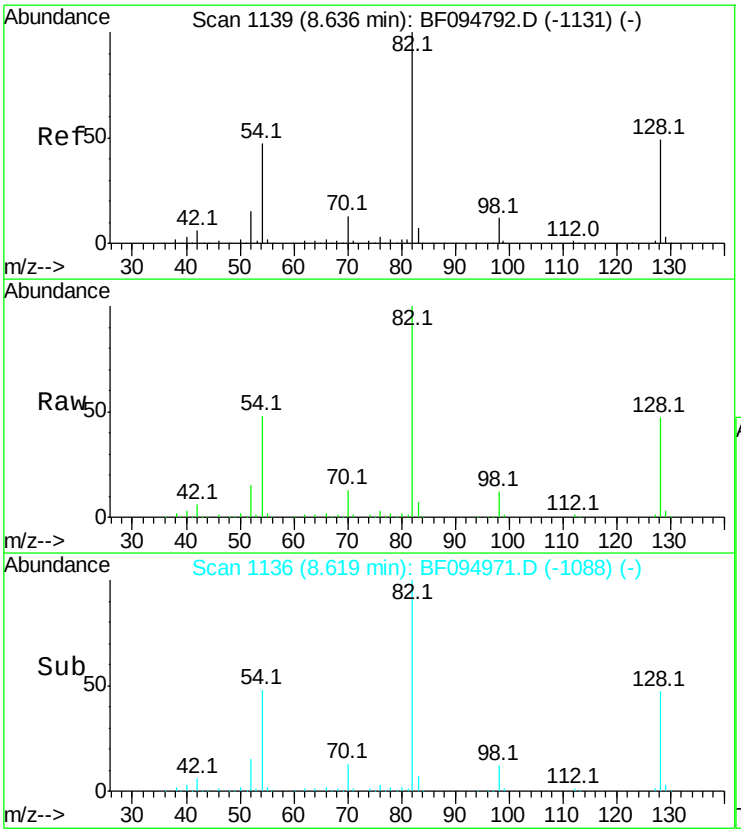
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:136 Resp: 425590

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.3	4.9	7.3
68	6.0	4.1	6.1

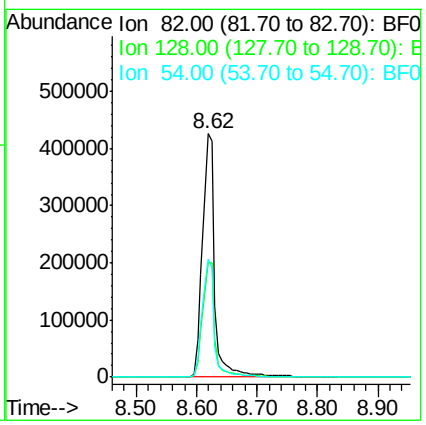


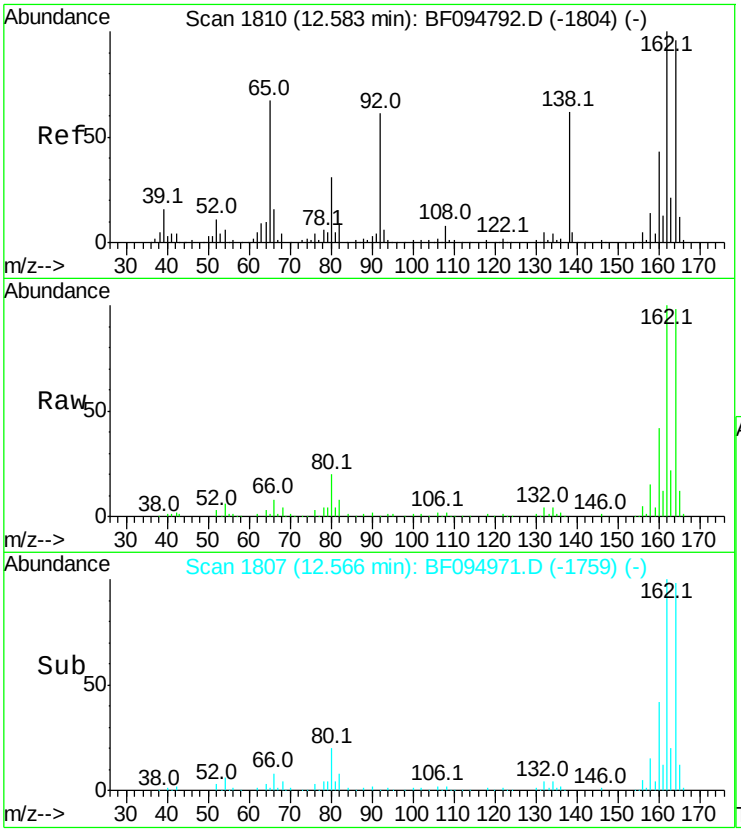


#23
Nitrobenzene-d5
Concen: 90.30 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion: 82 Resp: 609429

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	48.4	42.2	63.2



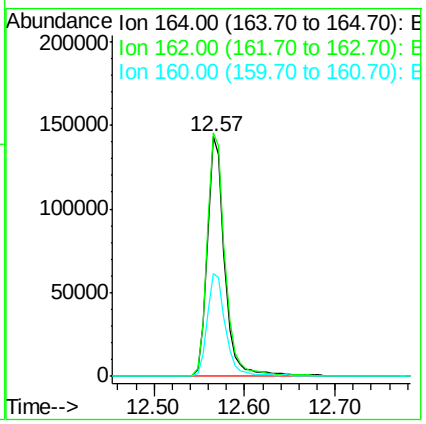


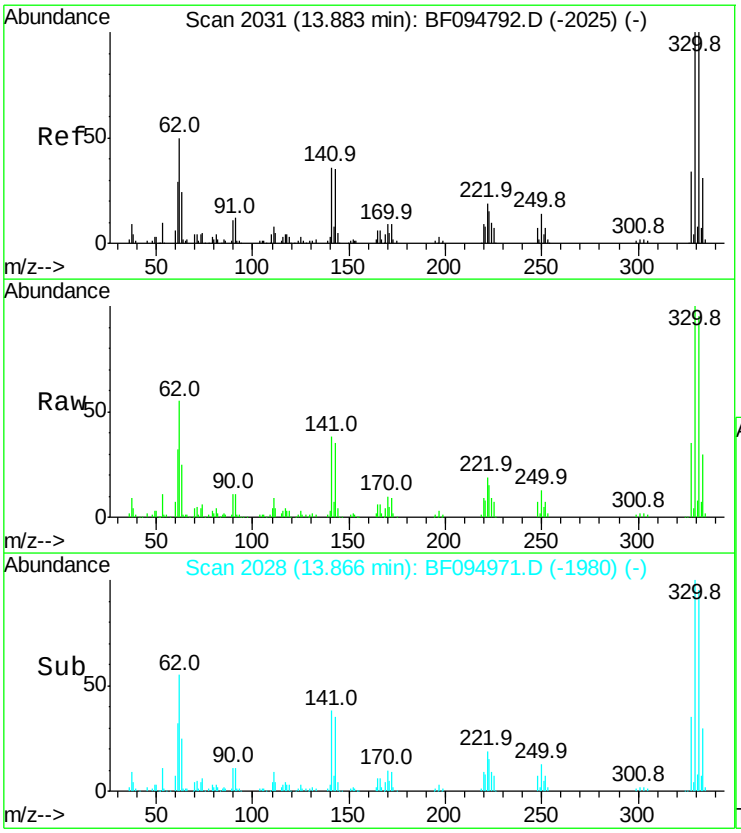
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:164 Resp: 193744

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	42.7	36.2	54.2

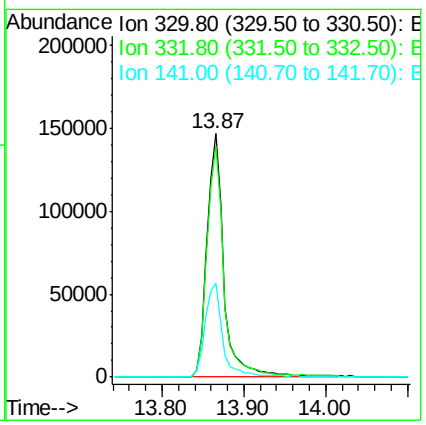


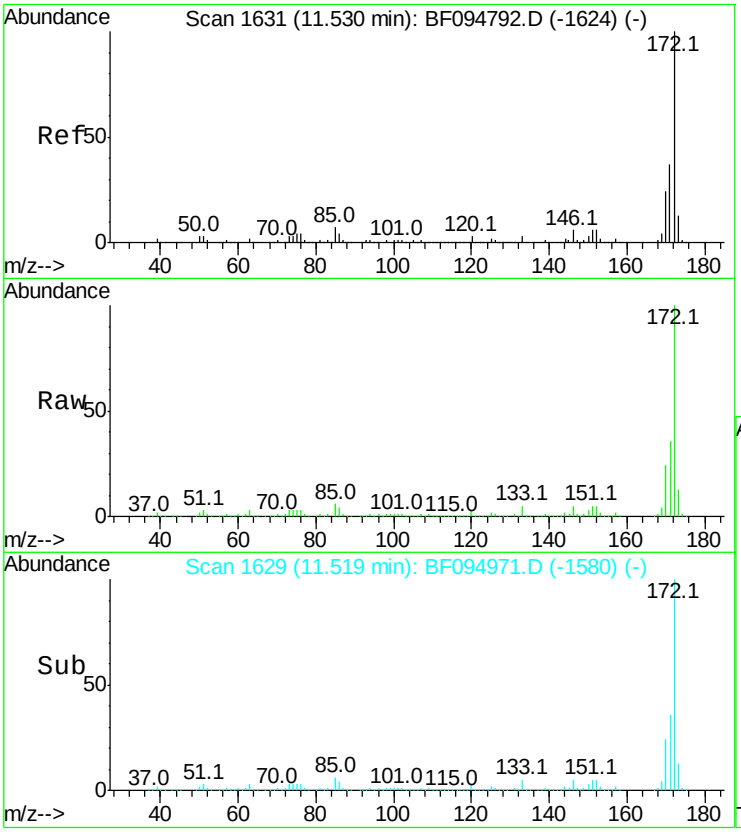


#41
2,4,6-Tribromophenol
Concen: 132.78 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion:330 Resp: 210687

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	40.3	31.4	47.2



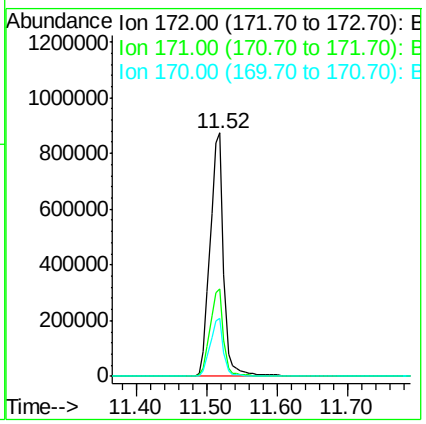


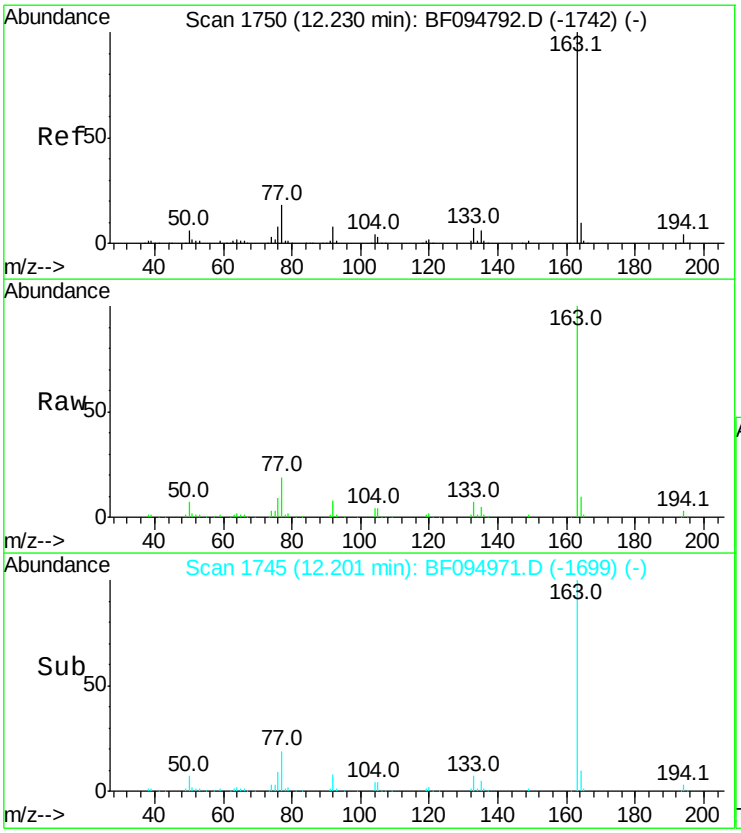
#44
2-Fluorobiphenyl
Concen: 87.41 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:172 Resp: 1176586

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8

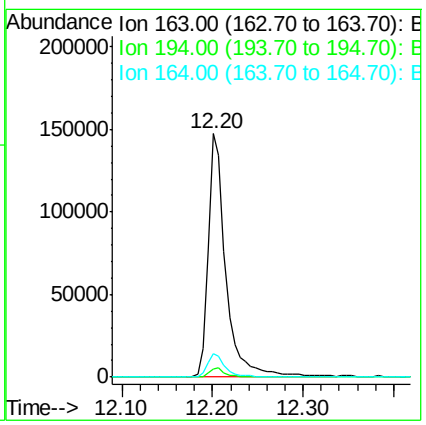


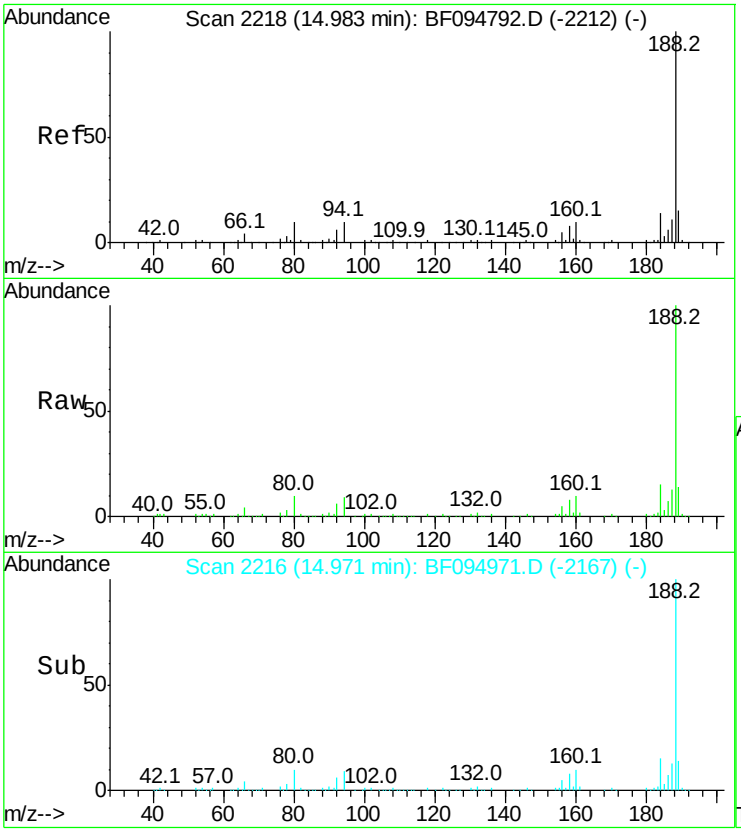


#49
Dimethylphthalate
Concen: 12.66 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion:163 Resp: 201381

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6



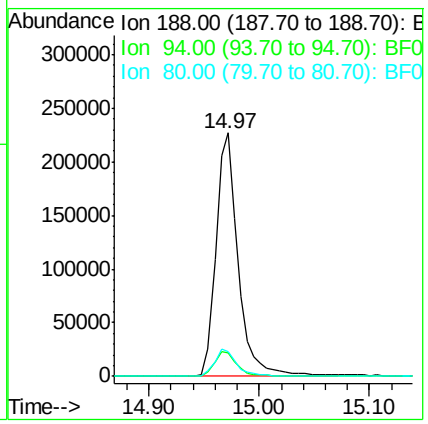


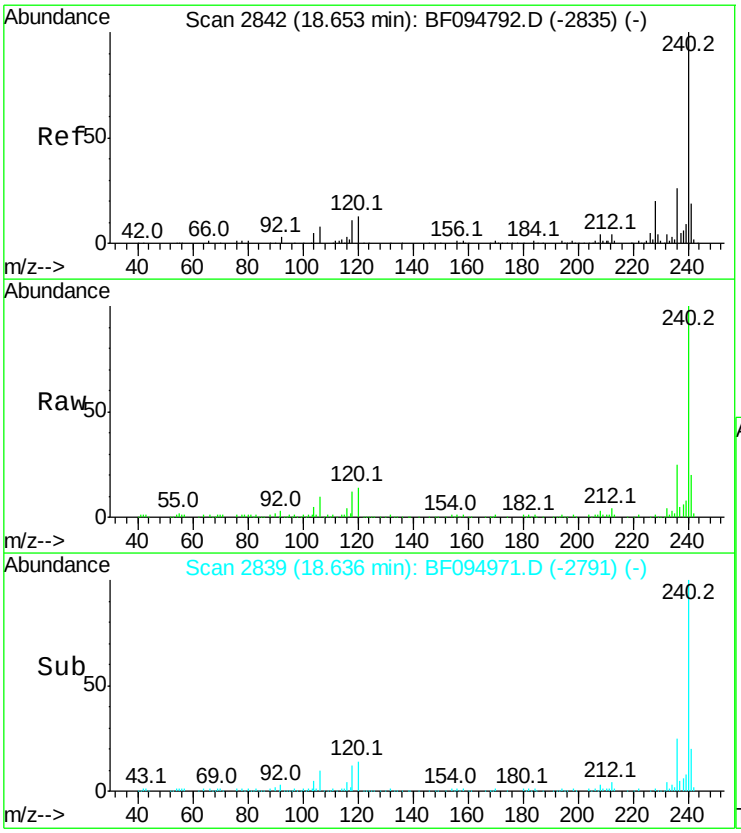
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:188 Resp: 315120

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.1	10.2	15.2#

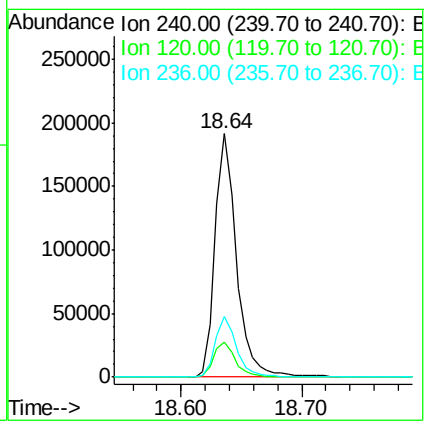


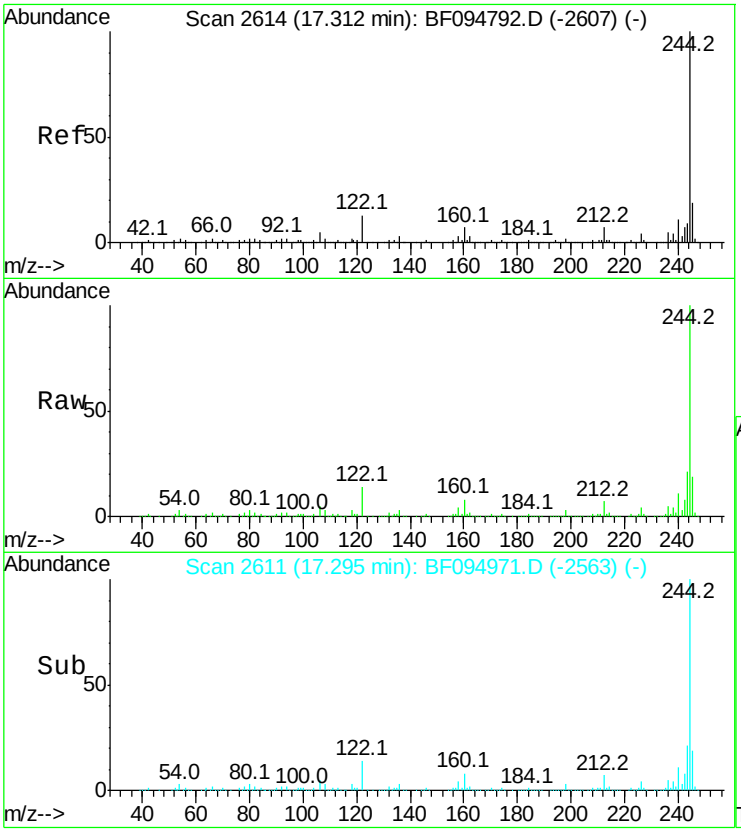


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion:240 Resp: 234095

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.7	20.5	30.7



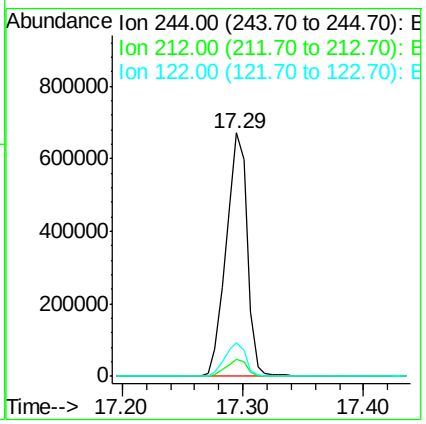


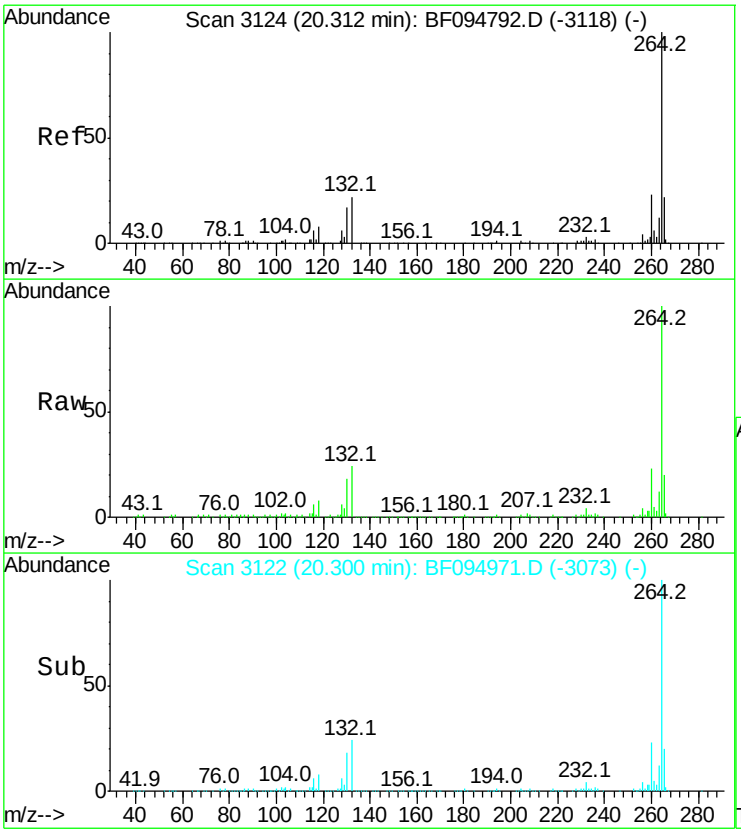
#78
Terphenyl-d14
Concen: 76.96 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Instrument :
BNA_F
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:244 Resp: 817974

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094971.D
Acq: 8 May 2017 6:14

Tgt Ion:264 Resp: 212271

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.1	17.2	25.8