Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093811.D
Acq On : 21 Mar 2017 21:12
Operator : SJ/MA
Sample : I2304-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B2(0-5)

Quant Time: Mar 22 03:16:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	216533	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	873285	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	400709	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	604190	20.00	ng	0.00
75) Chrysene-d12	13.97	240	385040	20.00	ng	0.00
86) Perylene-d12	15.37	264	361484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1773238	143.21	ng	0.01
7) Phenol-d6	6.47	99	2380263	155.57	ng	0.01
23) Nitrobenzene-d5	7.38	82	1421679	92.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	416413	134.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1764390	74.04	ng	0.00
78) Terphenyl-d14	12.93	244	1159650	61.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.48	94	90374	5.25	ng	74
49) Dimethylphthalate	9.58	163	263832	9.25	ng	99

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

Quantitation Report (LSC Reviewed)

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Operator : SJ/MA
Sample : I2304-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Quant Time: Mar 22 03:16:06 2017
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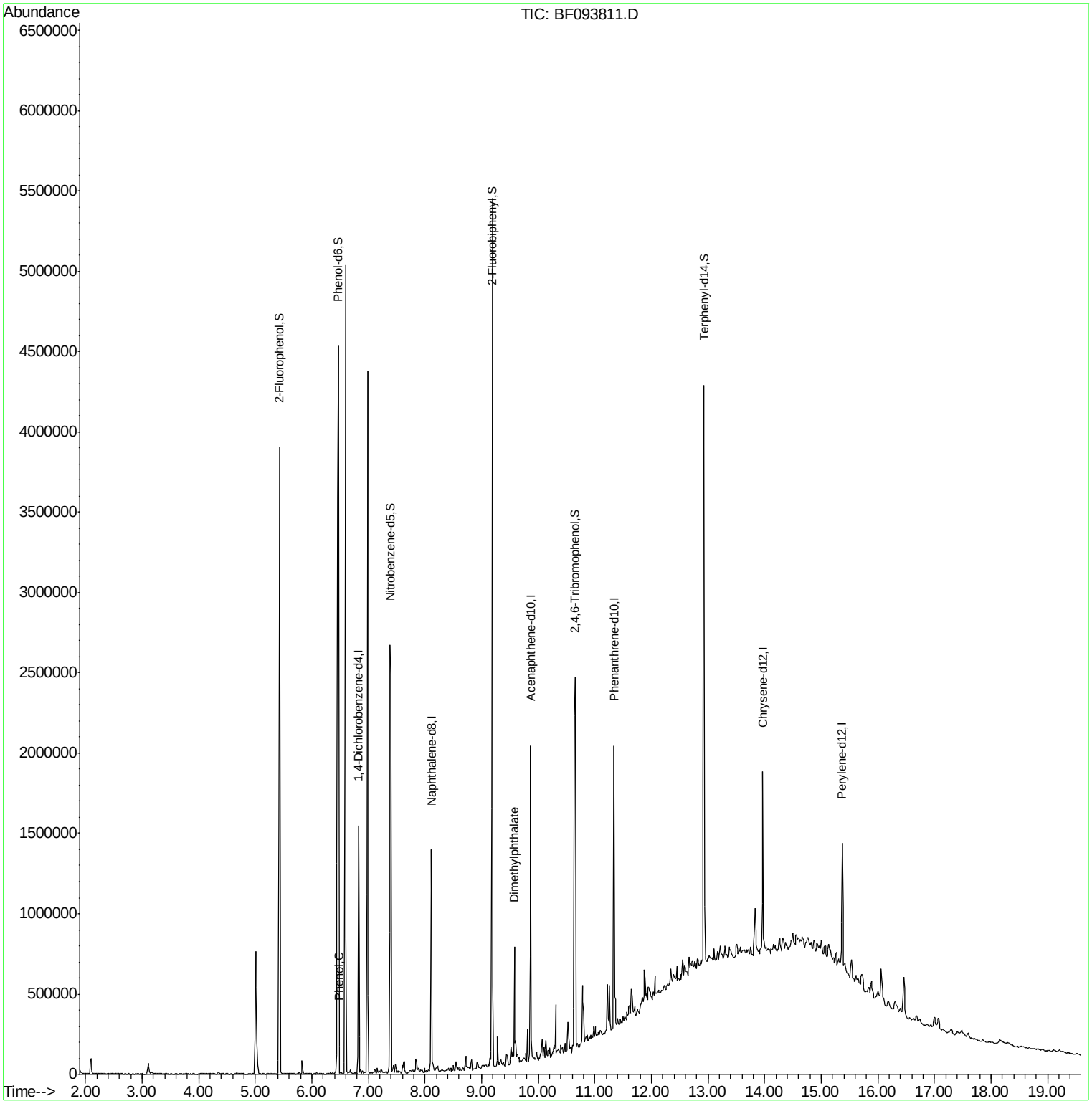
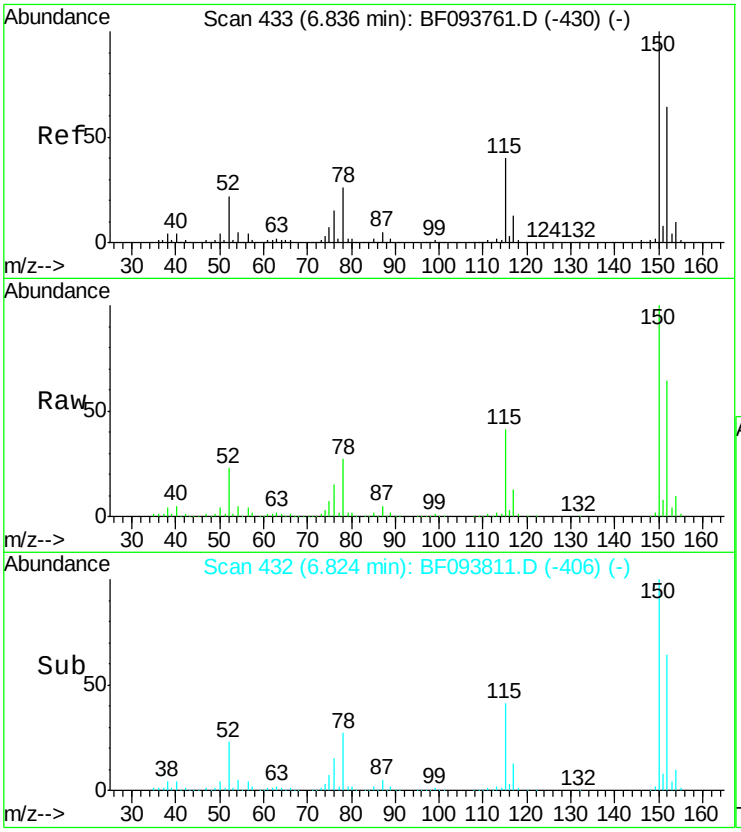


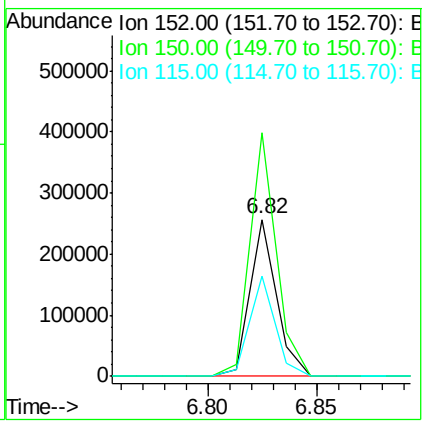


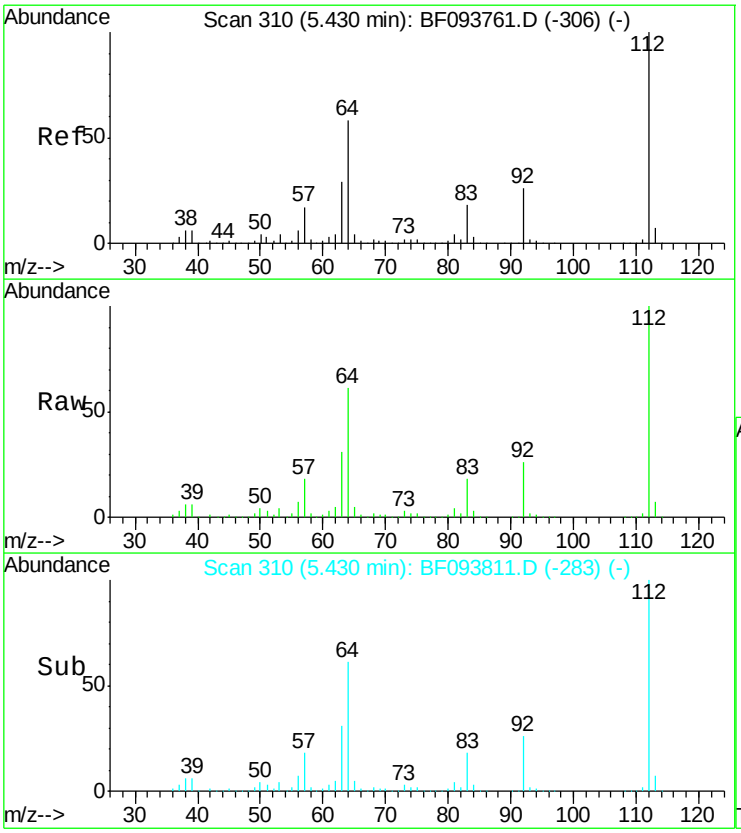
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tgt Ion:152 Resp: 216533

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	64.4	52.2	78.2

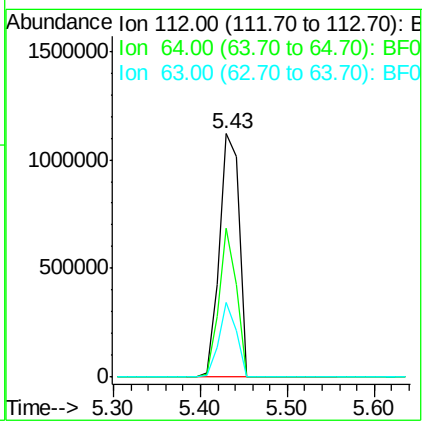


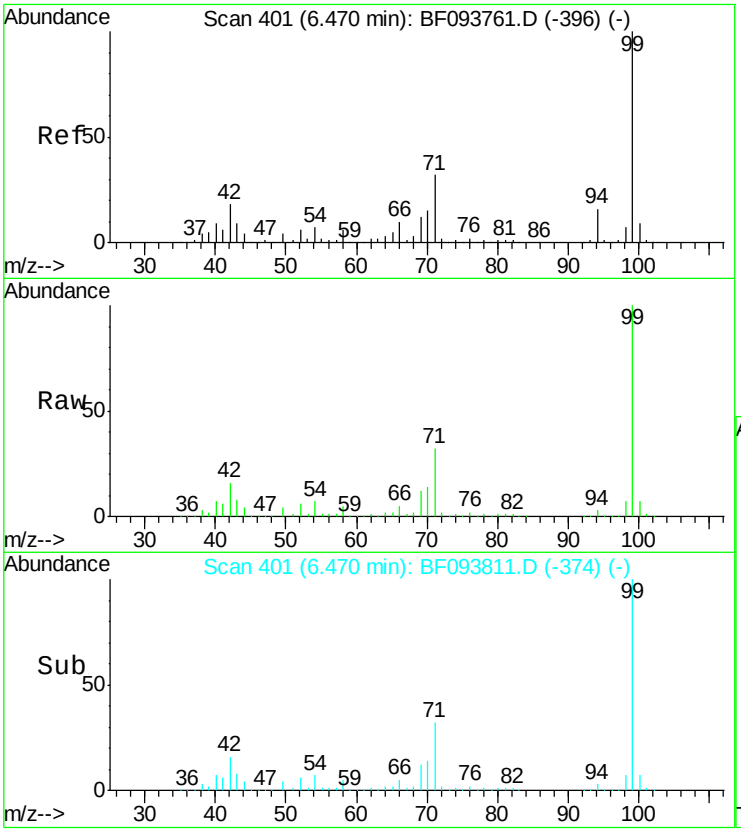


#5
2-Fluorophenol
Concen: 143.21 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion:112 Resp: 1773238

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	30.6	23.4	35.0



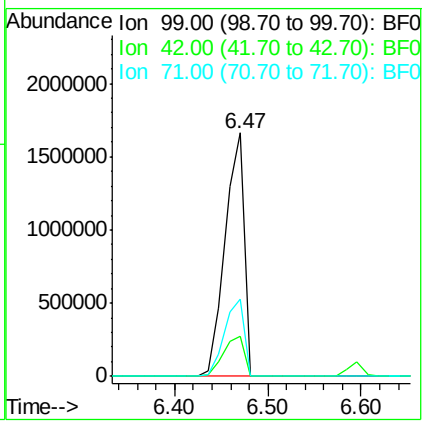


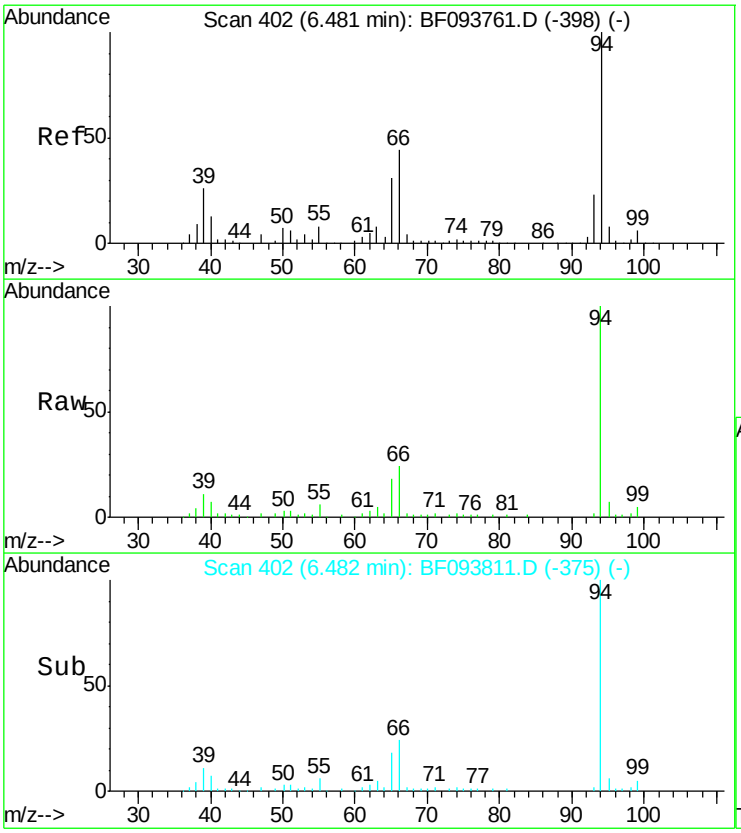
#7
Phenol-d6
Concen: 155.57 ng
RT: 6.47 min Scan# 401
Delta R.T. 0.01 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tgt Ion: 99 Resp: 2380263

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.7	24.5	36.7

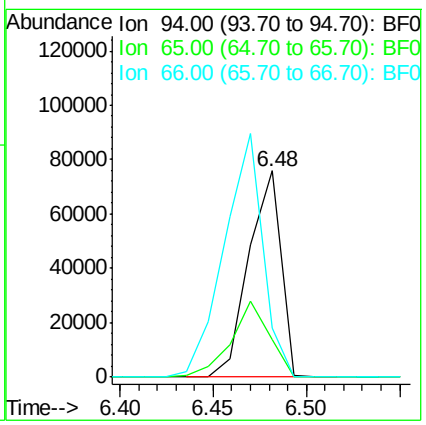


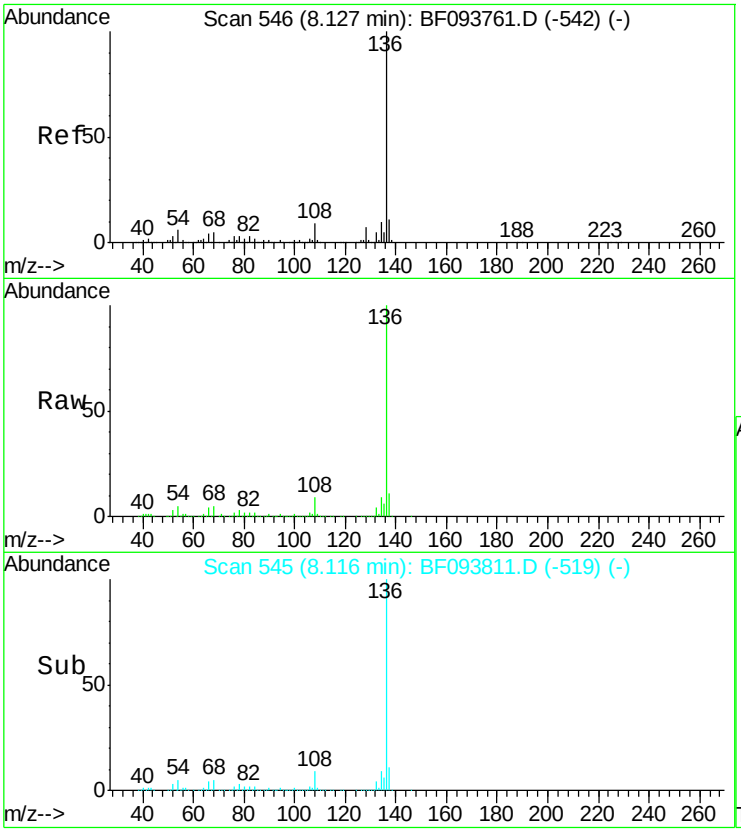


#10
Phenol
Concen: 5.25 ng
RT: 6.48 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion: 94 Resp: 90374

Ion	Ratio	Lower	Upper
94	100		
65	18.3	9.9	49.9
66	23.9	23.1	63.1



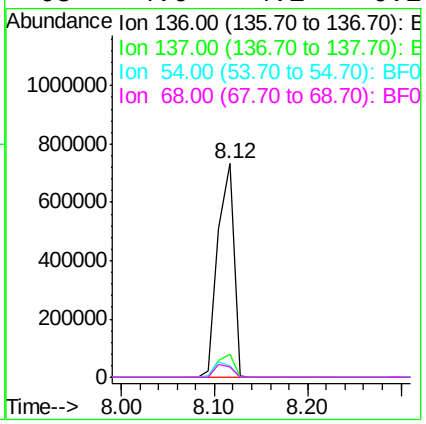


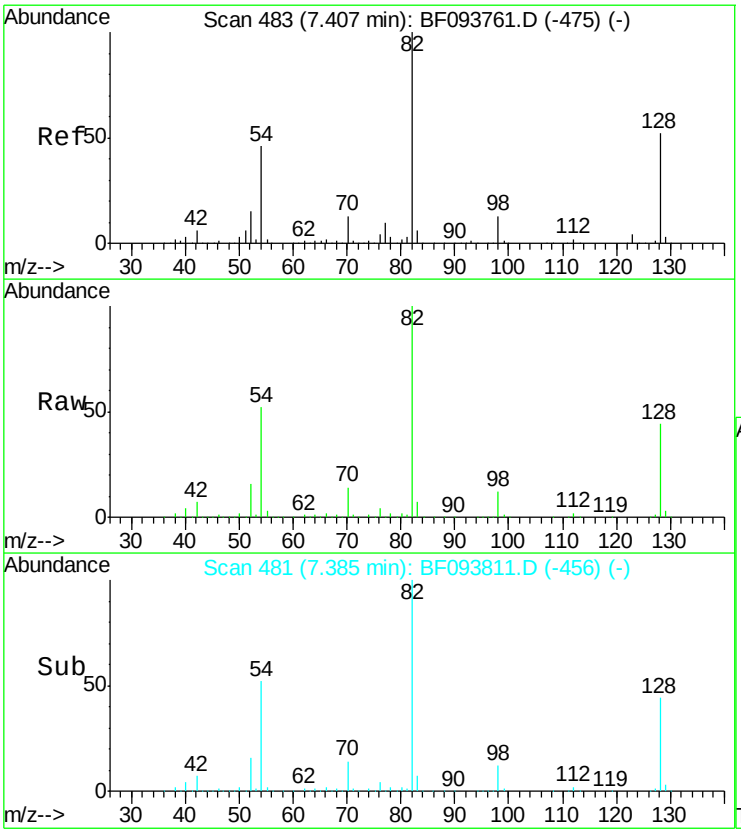
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tgt Ion:136 Resp: 873285

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	5.1	4.9	7.3
68	4.6	4.1	6.1

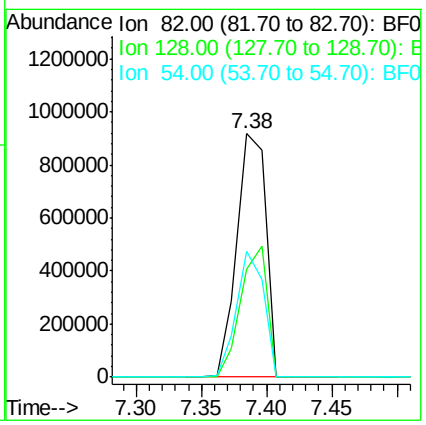


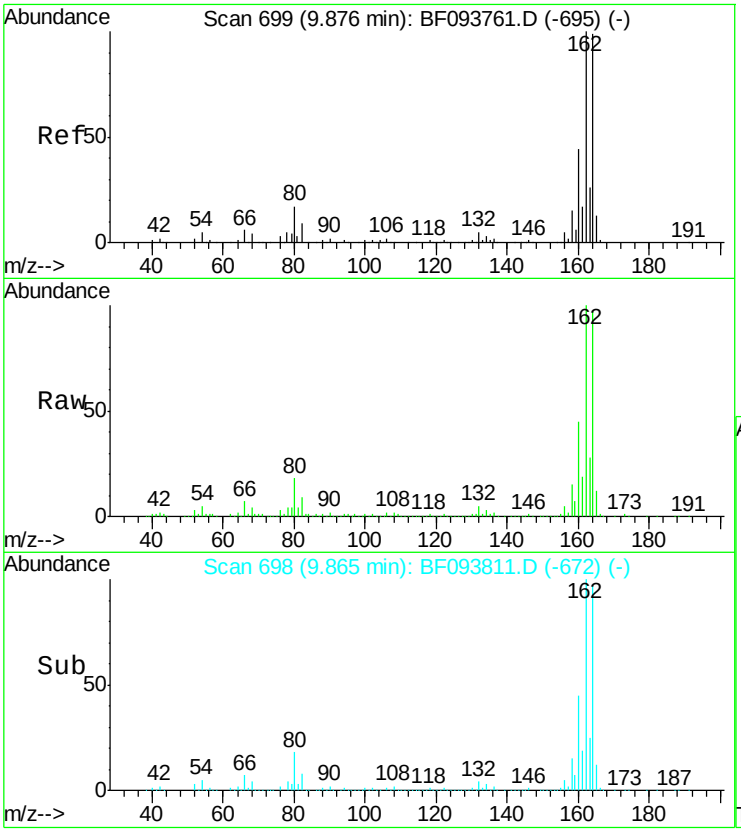


#23
Nitrobenzene-d5
Concen: 92.35 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion: 82 Resp: 1421679

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	51.5	42.2	63.2



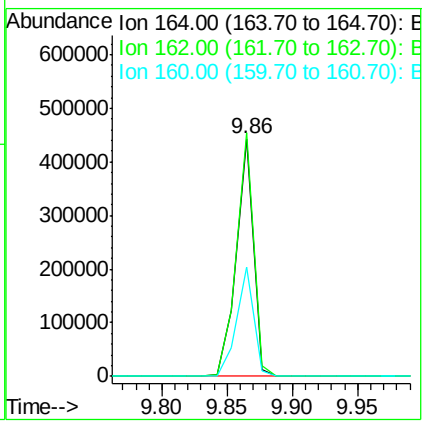


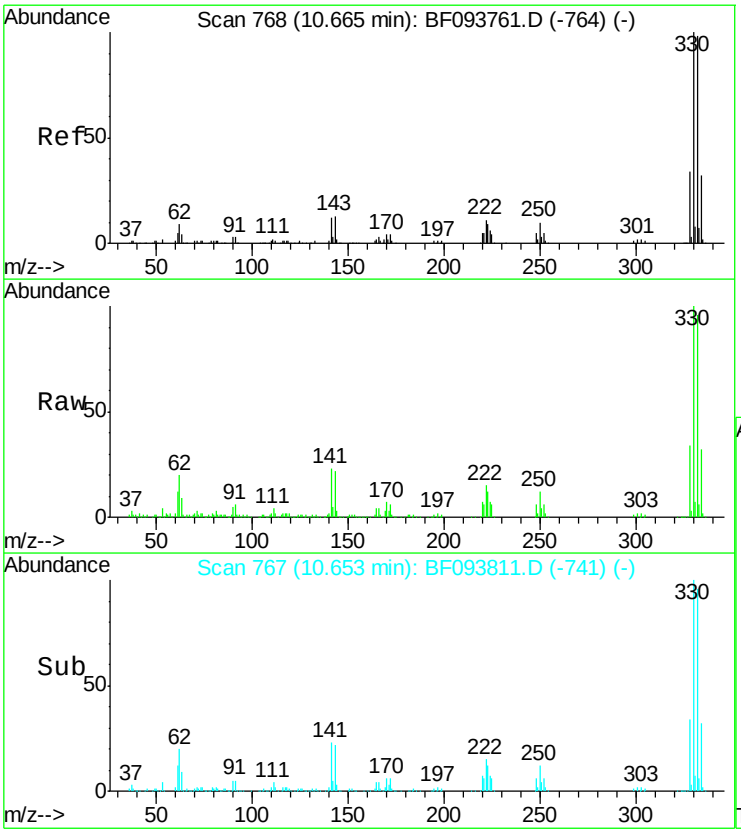
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tgt Ion:164 Resp: 400709

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.8	36.2	54.2

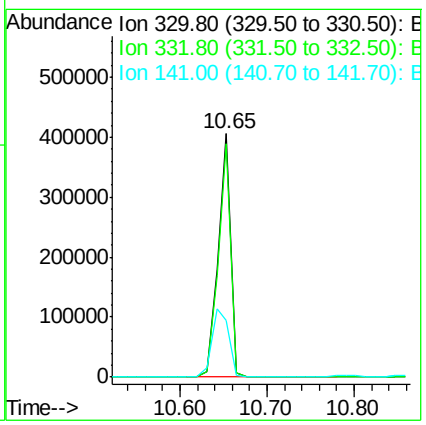


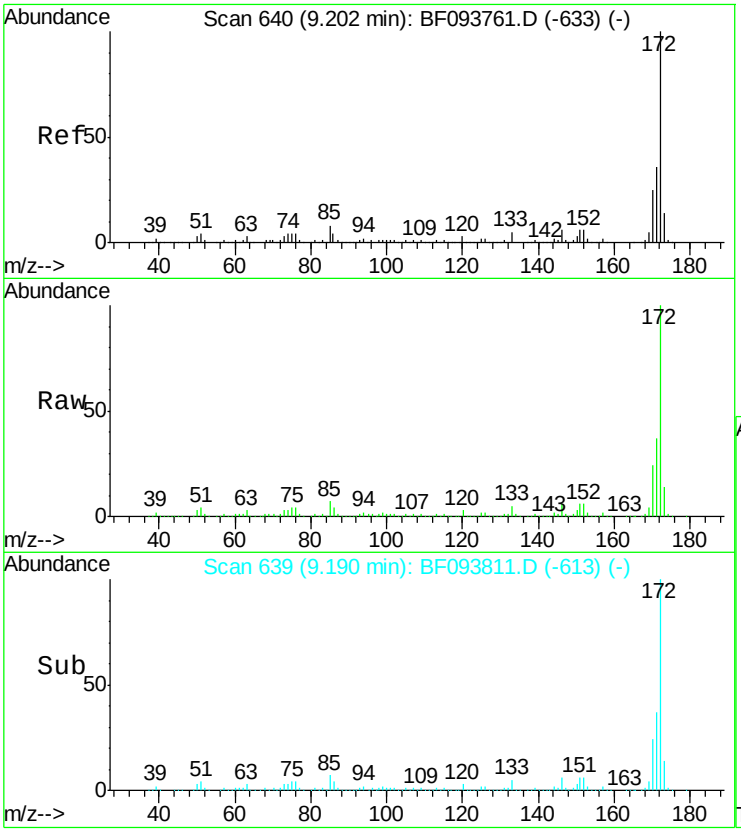


#41
2,4,6-Tribromophenol
Concen: 134.17 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion:330 Resp: 416413

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	37.2	31.4	47.2



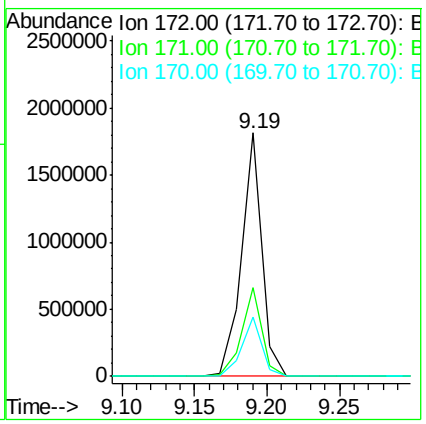


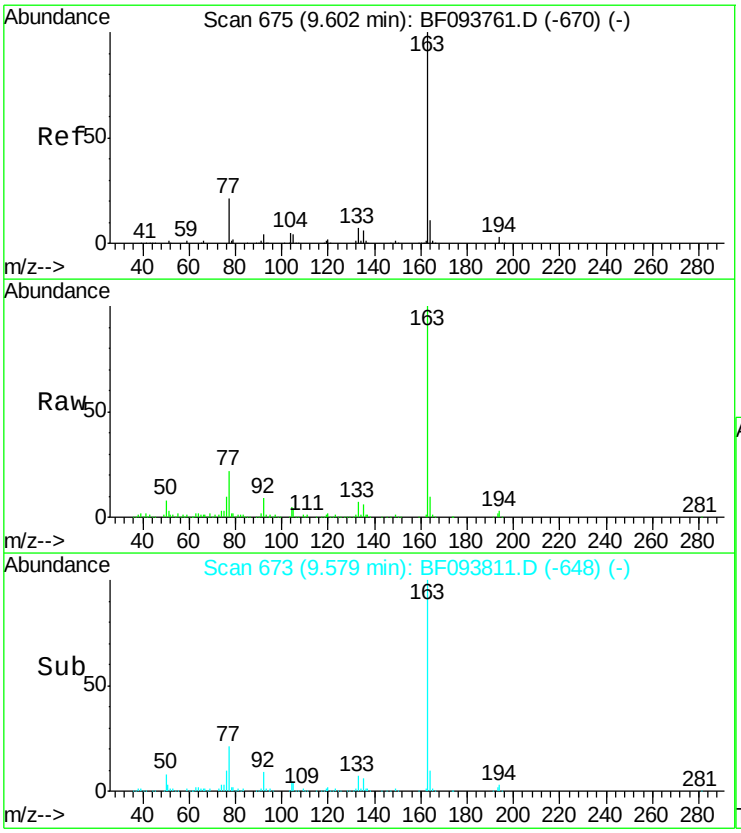
#44
2-Fluorobiphenyl
Concen: 74.04 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tgt Ion:172 Resp: 1764390

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	19.8	29.8

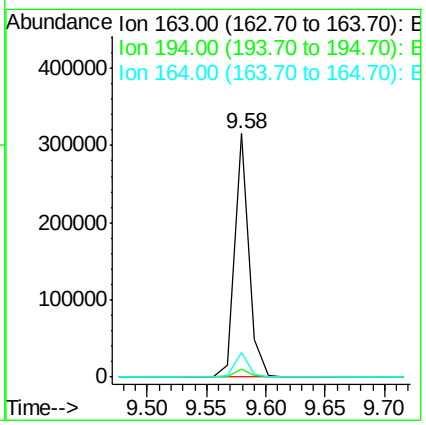


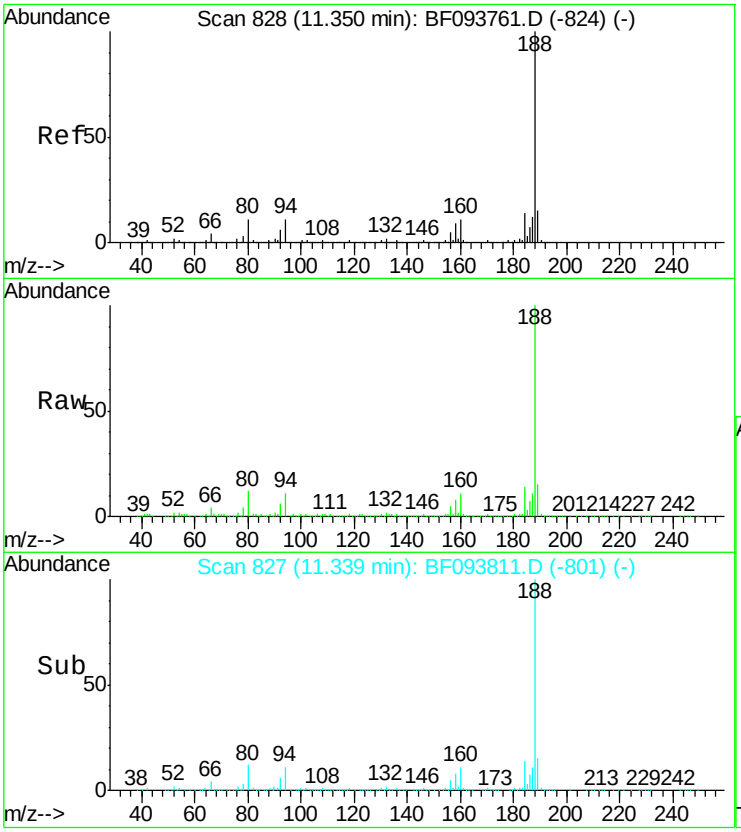


#49
Dimethylphthalate
Concen: 9.25 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion:163 Resp: 263832

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6



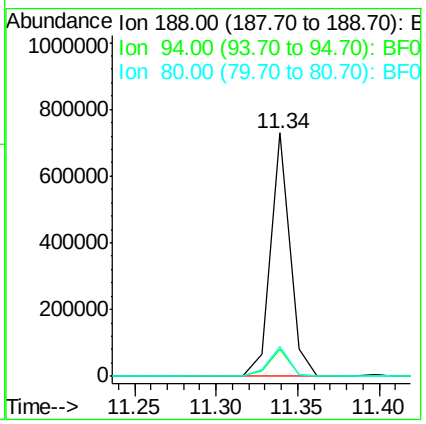


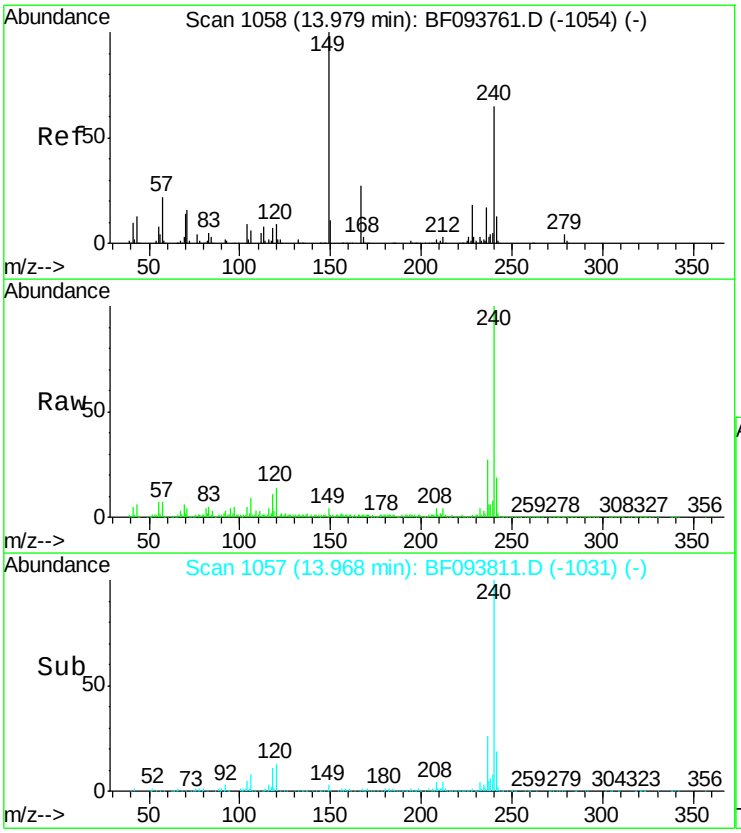
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tgt Ion:188 Resp: 604190

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.1	10.2	15.2

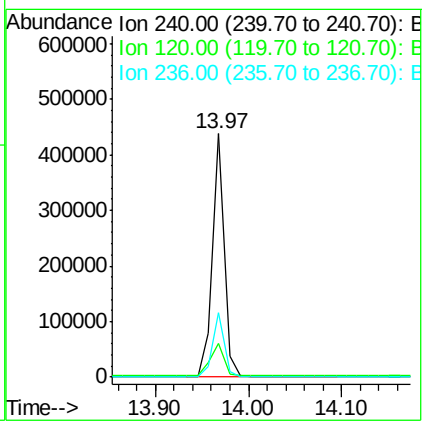


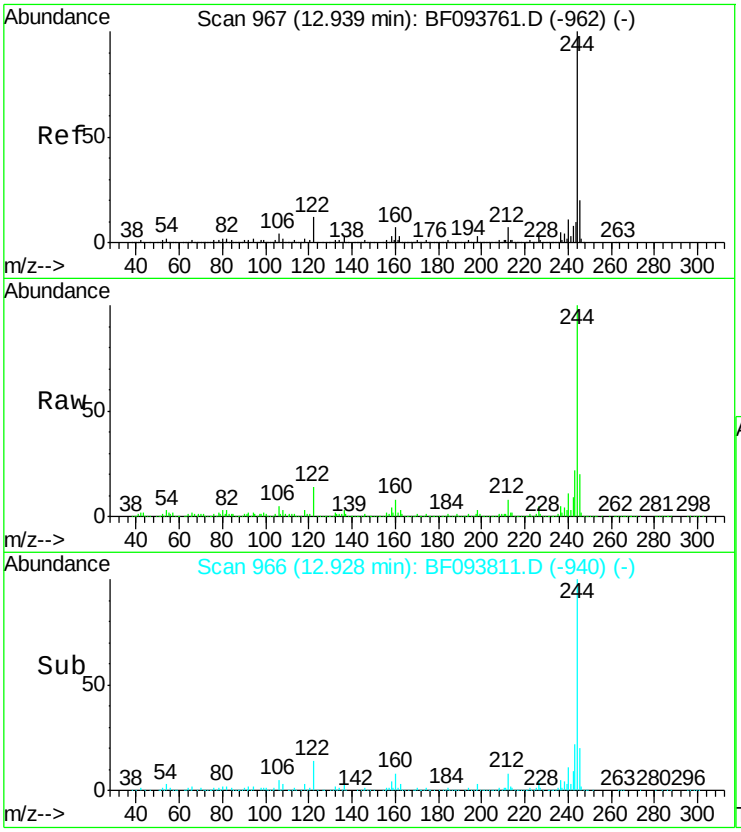


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion:240 Resp: 385040

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.5	20.5	30.7



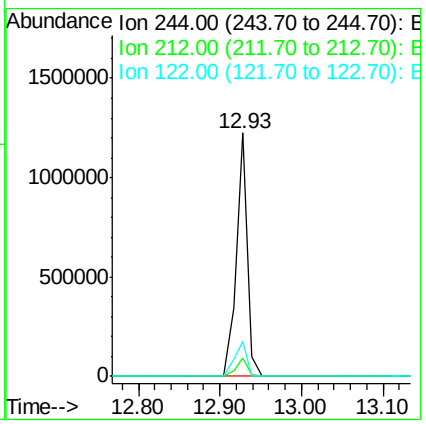


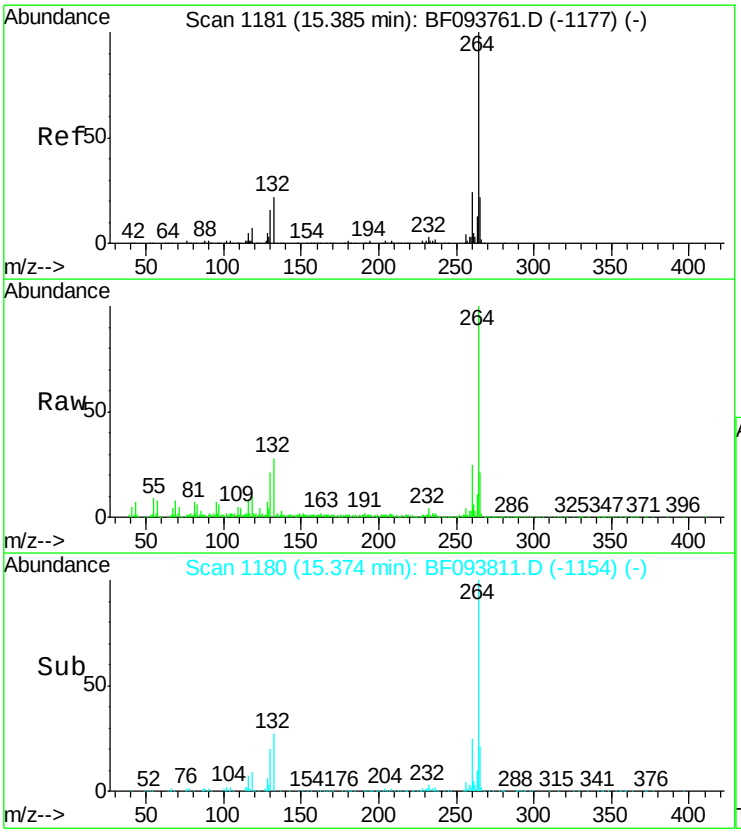
#78
Terphenyl-d14
Concen: 61.41 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tgt Ion:244 Resp: 1159650

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion:264 Resp: 361484

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.5	17.2	25.8