Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094318.D
Acq On : 10 Apr 2017 18:27
Operator : SJ/MA
Sample : I2601-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-28-S2(10-12)

Quant Time: Apr 11 01:52:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	158959	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	639420	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	293489	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	528302	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	434546	20.00	ng	-0.02
86) Perylene-d12	16.18	264	292892	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1269163	134.85	ng	0.02
7) Phenol-d6	5.48	99	1642304	141.06	ng	0.02
23) Nitrobenzene-d5	6.49	82	1034097	92.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	336509	145.10	ng	-0.01
44) 2-Fluorobiphenyl	8.66	172	1691129	87.89	ng	-0.02
78) Terphenyl-d14	13.29	244	1342301	69.24	ng	-0.01
Target Compounds						Qvalue
10) Phenol	5.49	94	105630	7.97	ng	95
49) Dimethylphthalate	9.16	163	260819	12.50	ng	98

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

Quantitation Report (QT Reviewed)

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Acq On : 10 Apr 2017 18:27
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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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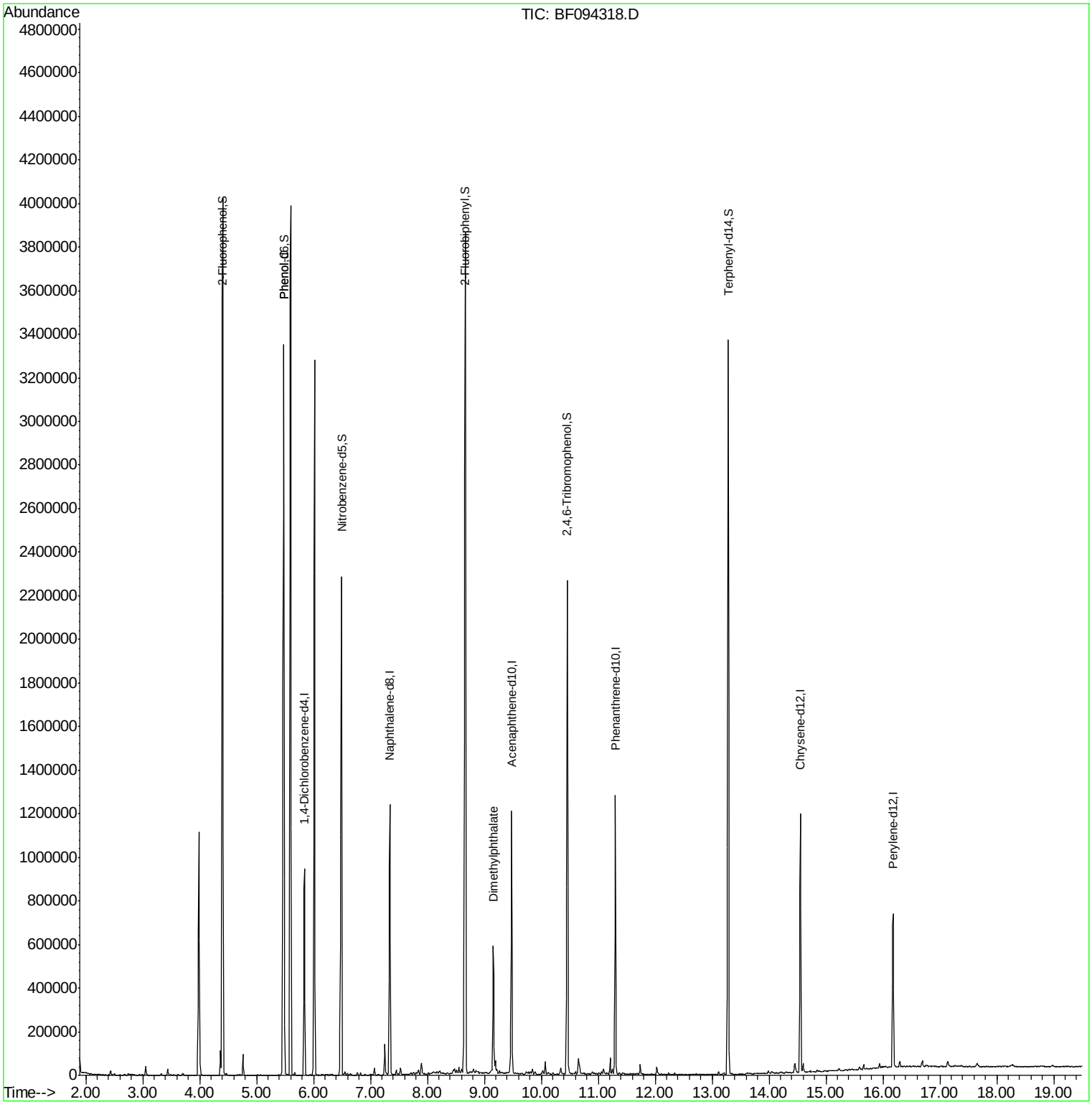
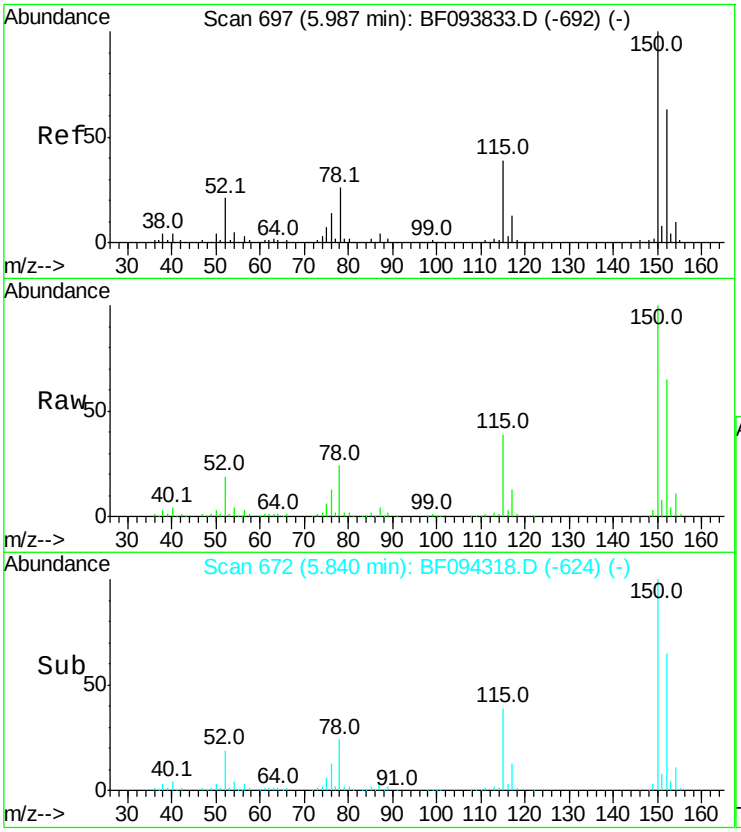


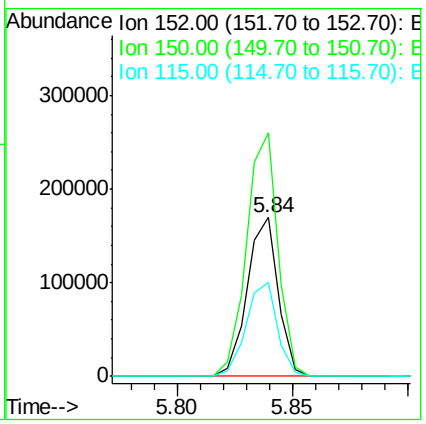


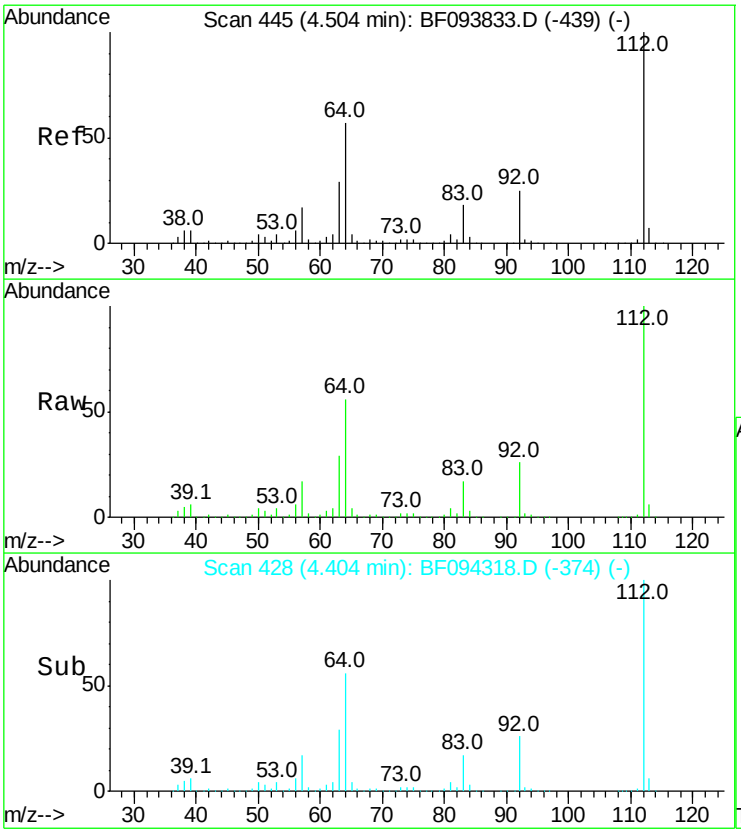
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-28-S2(10-12)

Tgt Ion:152 Resp: 158959

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	59.2	52.2	78.2

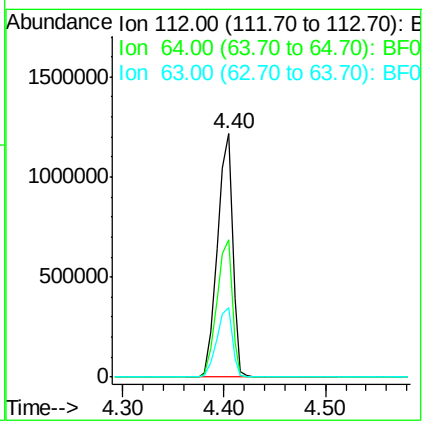


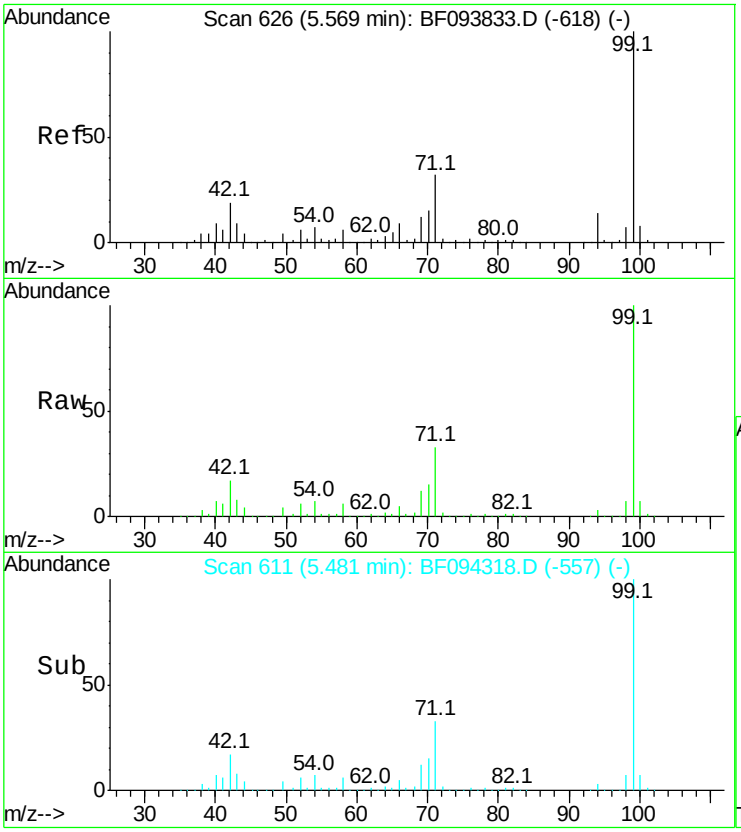


#5
2-Fluorophenol
Concen: 134.85 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion:112 Resp: 1269163

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	28.6	23.4	35.0



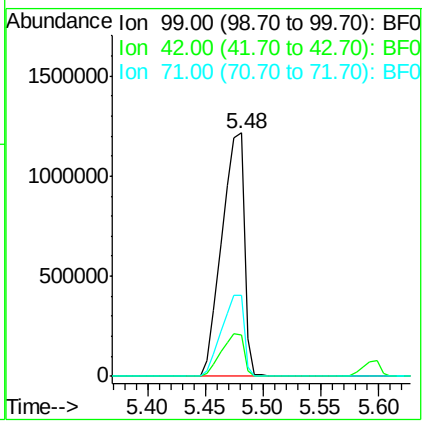


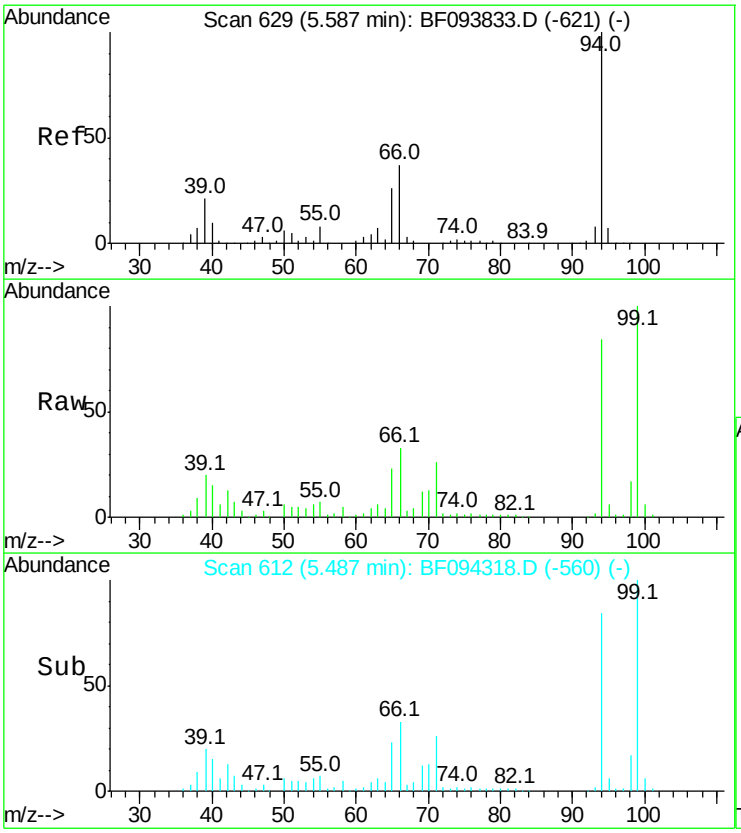
#7
Phenol-d6
Concen: 141.06 ng
RT: 5.48 min Scan# 611
Delta R.T. 0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-28-S2(10-12)

Tgt Ion: 99 Resp: 1642304

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	33.2	24.5	36.7

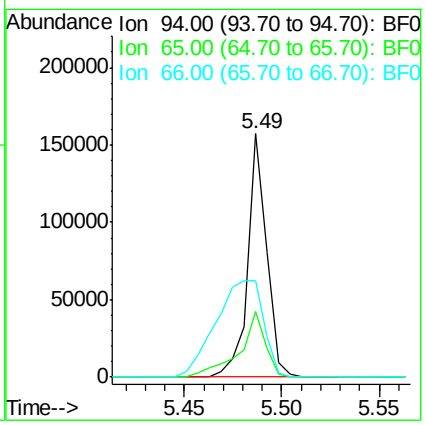


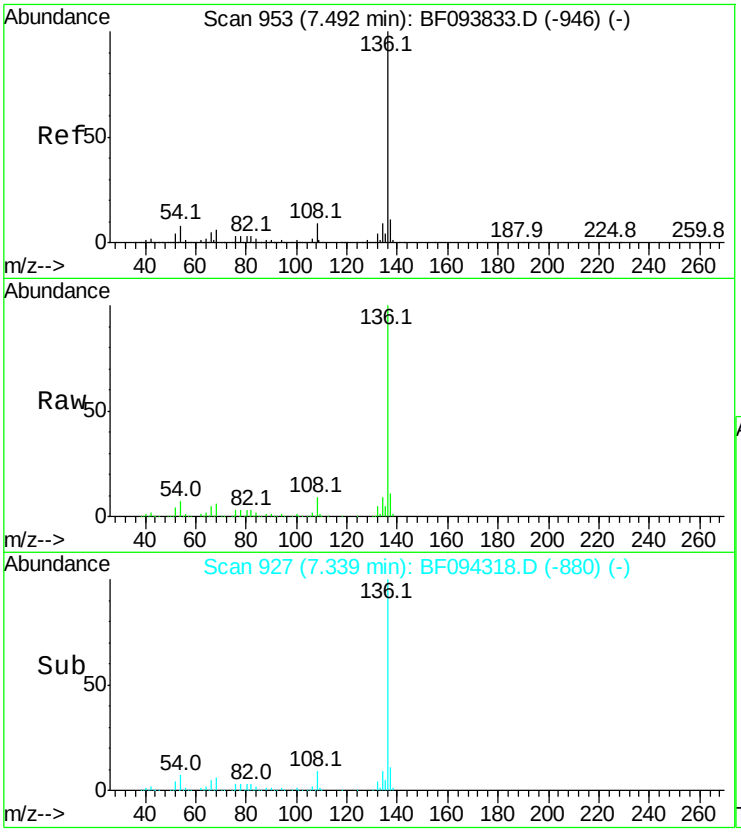


#10
Phenol
Concen: 7.97 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion: 94 Resp: 105630

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	39.6	23.1	63.1



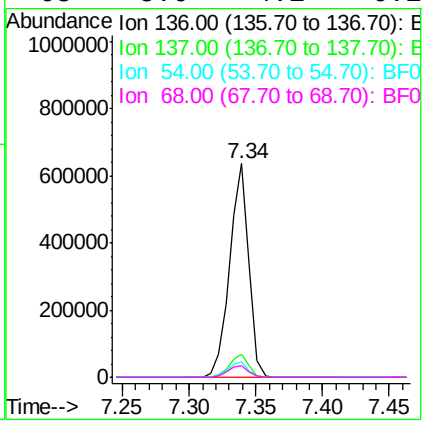


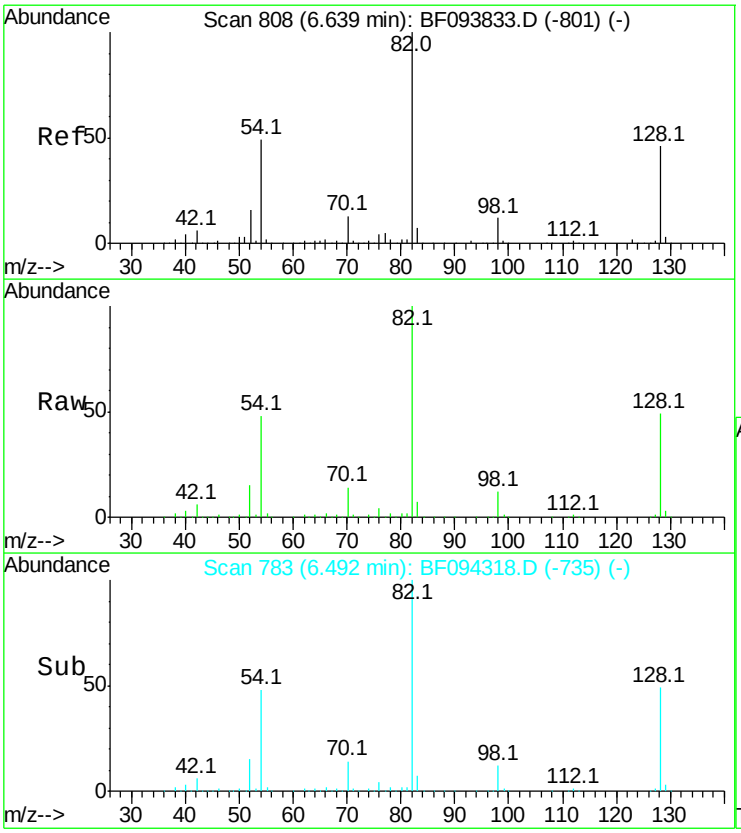
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-28-S2(10-12)

Tgt Ion:136 Resp: 639420

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1

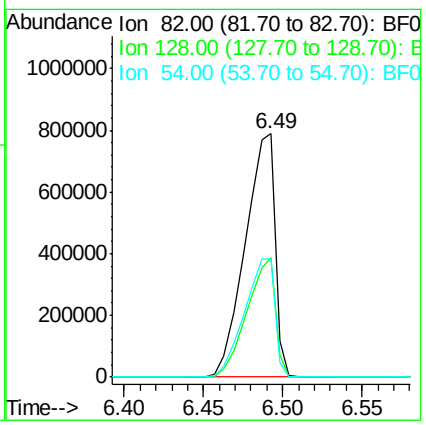


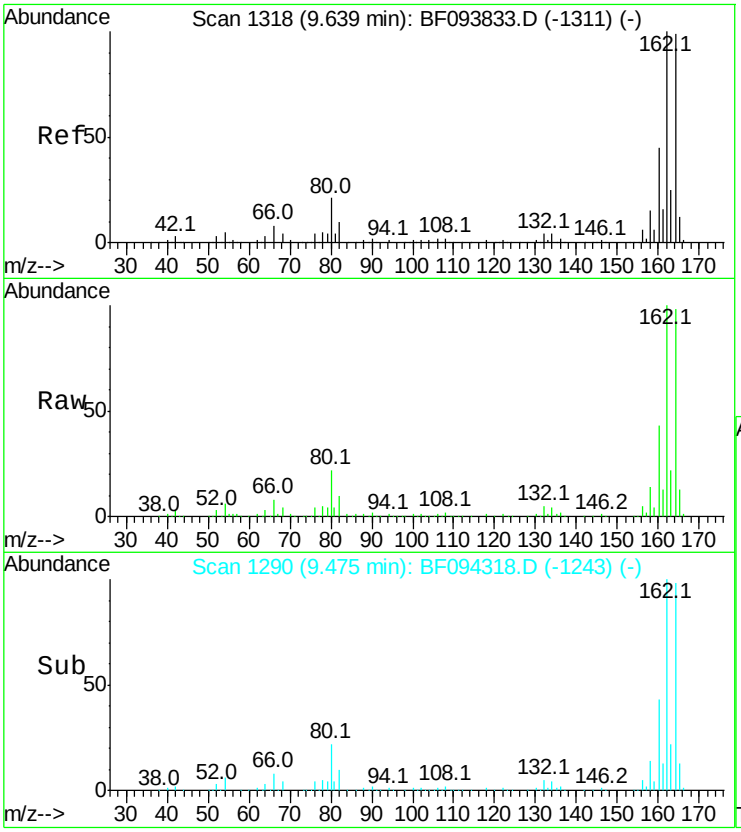


#23
Nitrobenzene-d5
Concen: 92.29 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion: 82 Resp: 1034097

Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	48.4	42.2	63.2



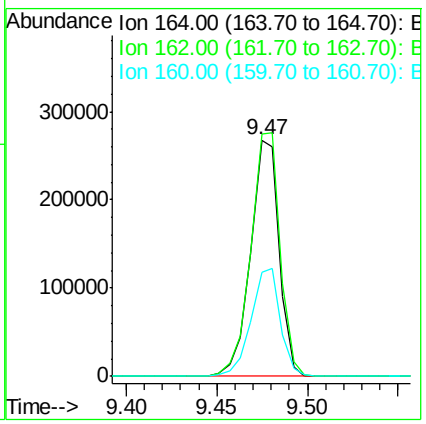


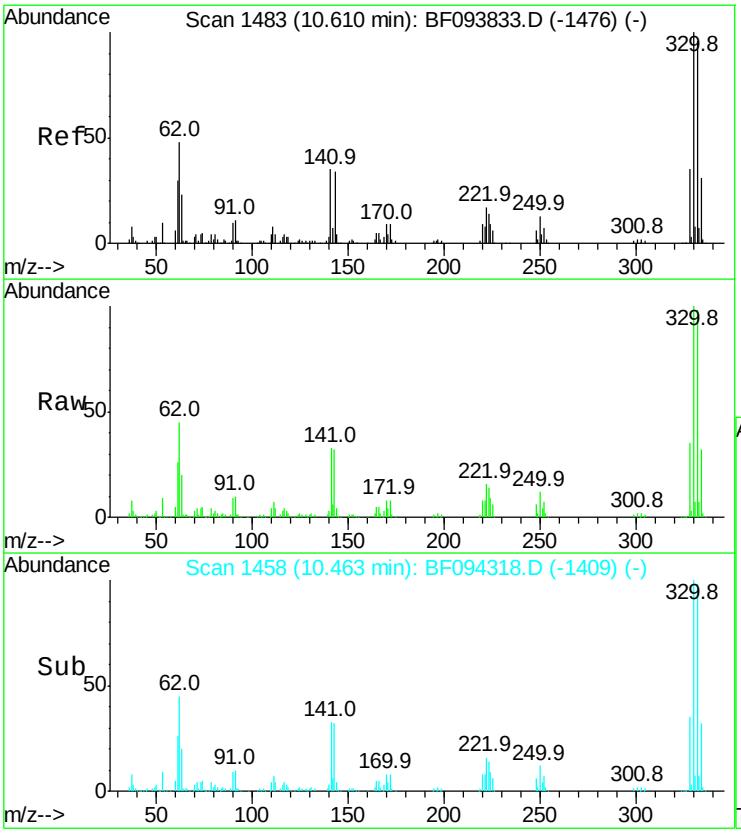
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-28-S2(10-12)

Tgt Ion:164 Resp: 293489

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.3	36.2	54.2

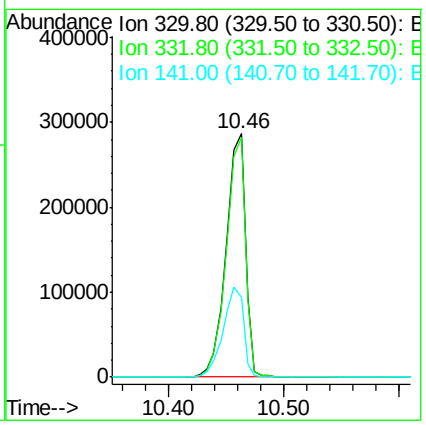


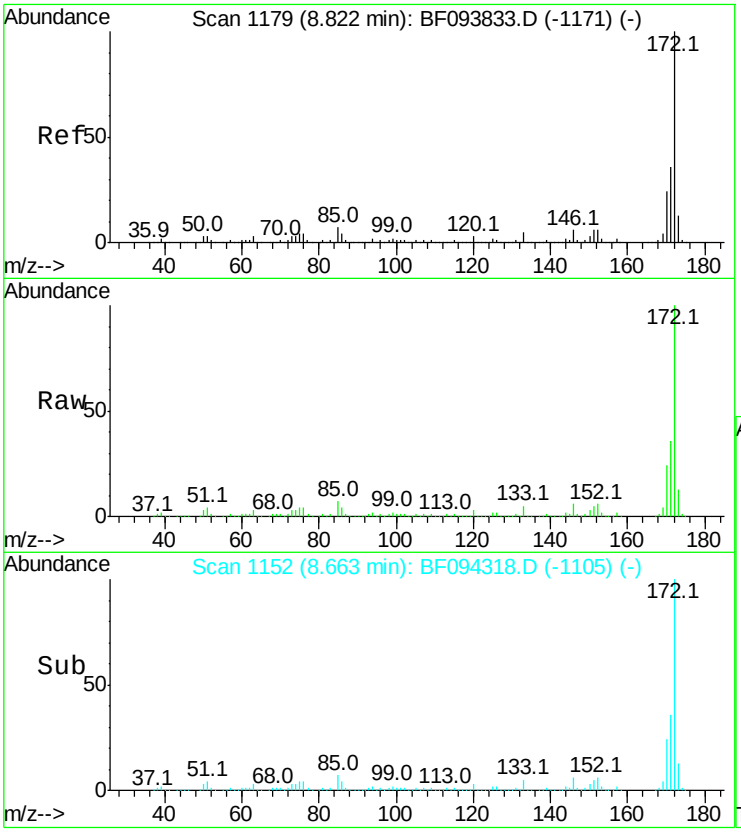


#41
2,4,6-Tribromophenol
Concen: 145.10 ng
RT: 10.46 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion:330 Resp: 336509

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.7	31.4	47.2



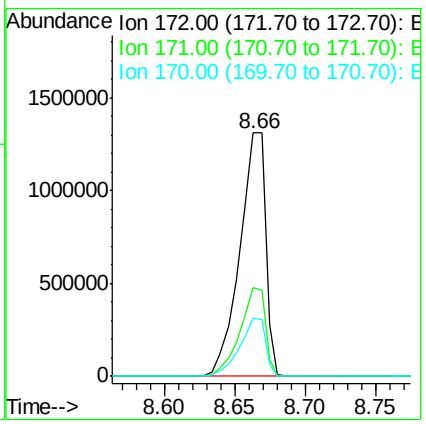


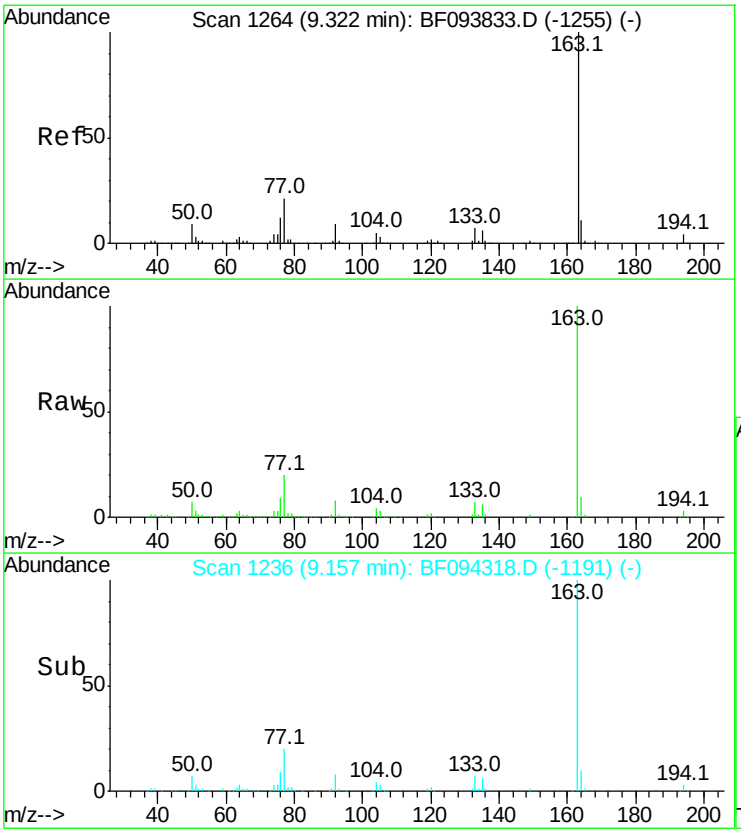
#44
2-Fluorobiphenyl
Concen: 87.89 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-28-S2(10-12)

Tgt Ion:172 Resp: 1691129

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8

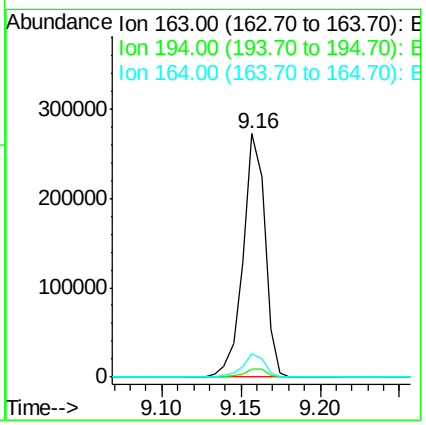


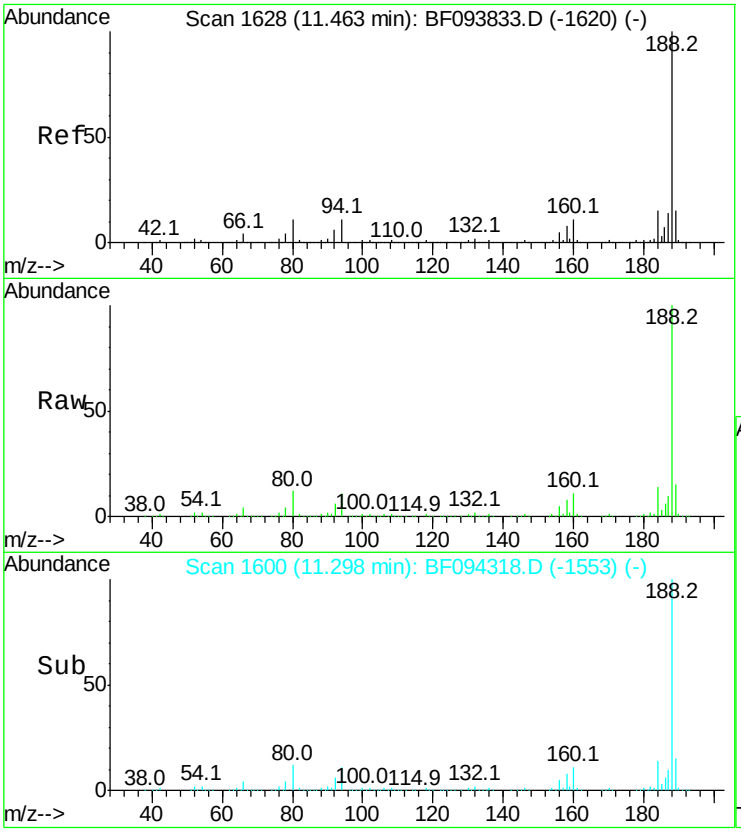


#49
Dimethylphthalate
Concen: 12.50 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion:163 Resp: 260819

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6



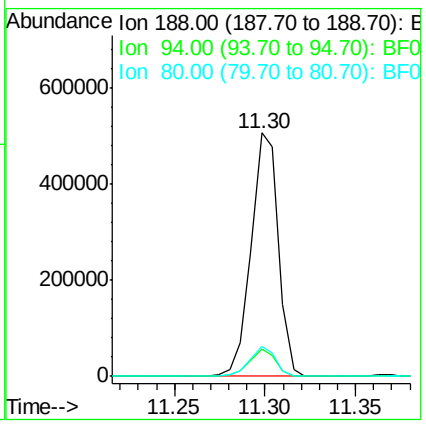


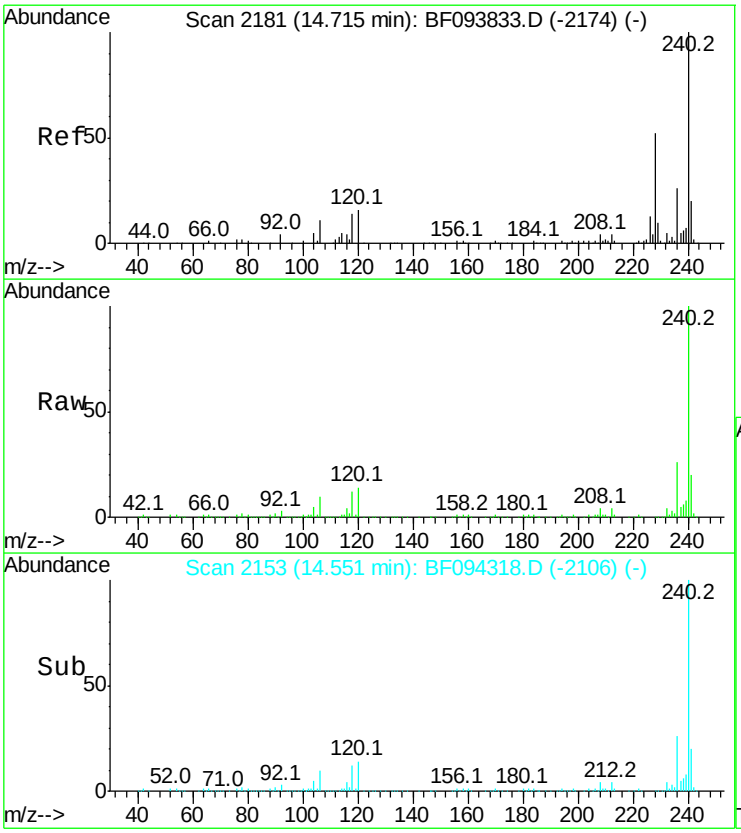
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-28-S2(10-12)

Tgt Ion:188 Resp: 528302

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.1	10.2	15.2

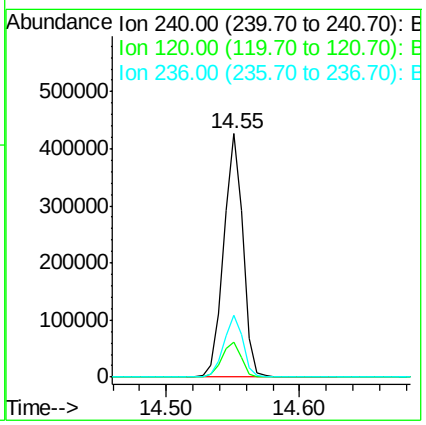


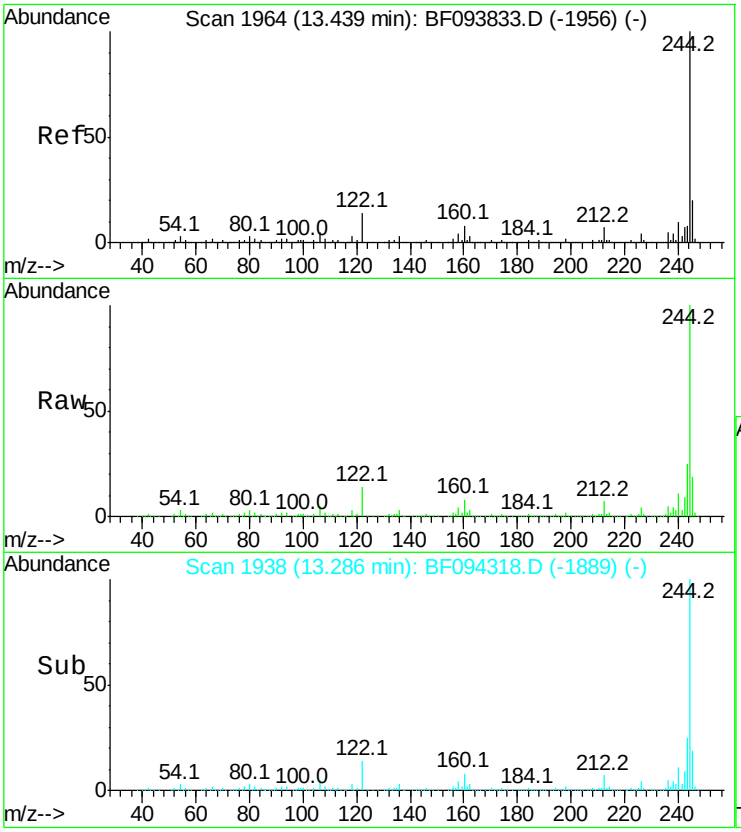


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion:240 Resp: 434546

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.5	20.5	30.7



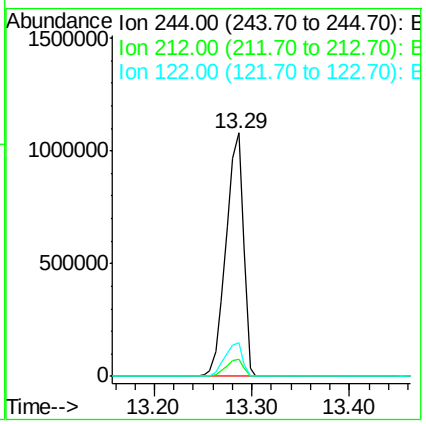


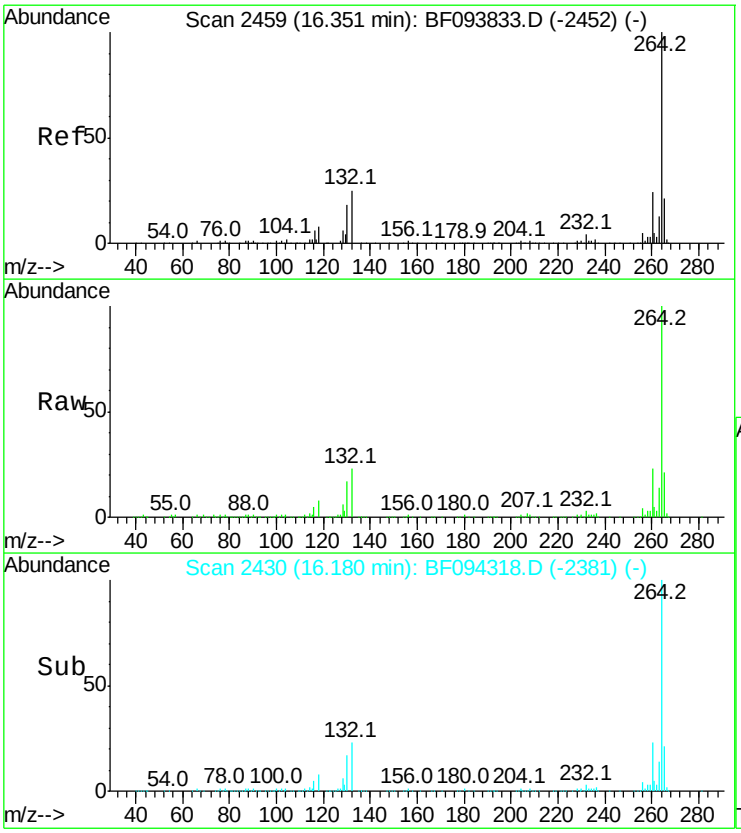
#78
Terphenyl-d14
Concen: 69.24 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-28-S2(10-12)

Tgt Ion:244 Resp: 1342301

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094318.D
Acq: 10 Apr 2017 18:27

Tgt Ion:264 Resp: 292892

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	17.2	25.8