Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094329.D
Acq On : 11 Apr 2017 00:54
Operator : SJ/MA
Sample : I2601-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-30-S1(0-2)

Quant Time: Apr 11 02:49:48 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	158717	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	624399	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	275000	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	437668	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	293200	20.00	ng	-0.02
86) Perylene-d12	16.18	264	249103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1298496	138.18	ng	0.02
7) Phenol-d6	5.47	99	1684073	144.87	ng	0.01
23) Nitrobenzene-d5	6.49	82	1057285	96.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	314118	144.55	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1730785	96.00	ng	-0.02
78) Terphenyl-d14	13.29	244	1181836	90.35	ng	-0.01
Target Compounds						Qvalue
10) Phenol	5.49	94	81216	6.14	ng	91
49) Dimethylphthalate	9.16	163	150184	7.68	ng	99

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

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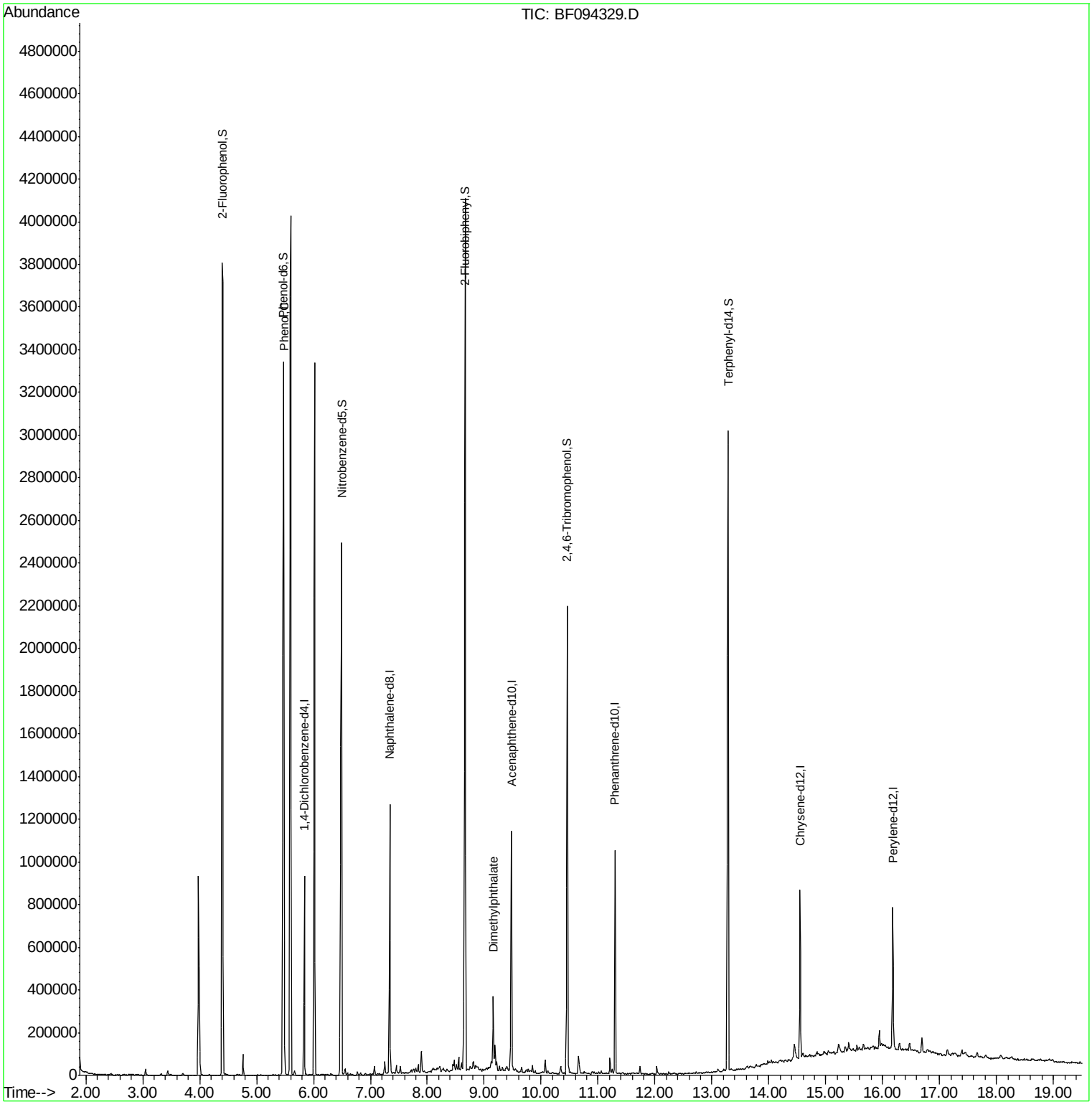
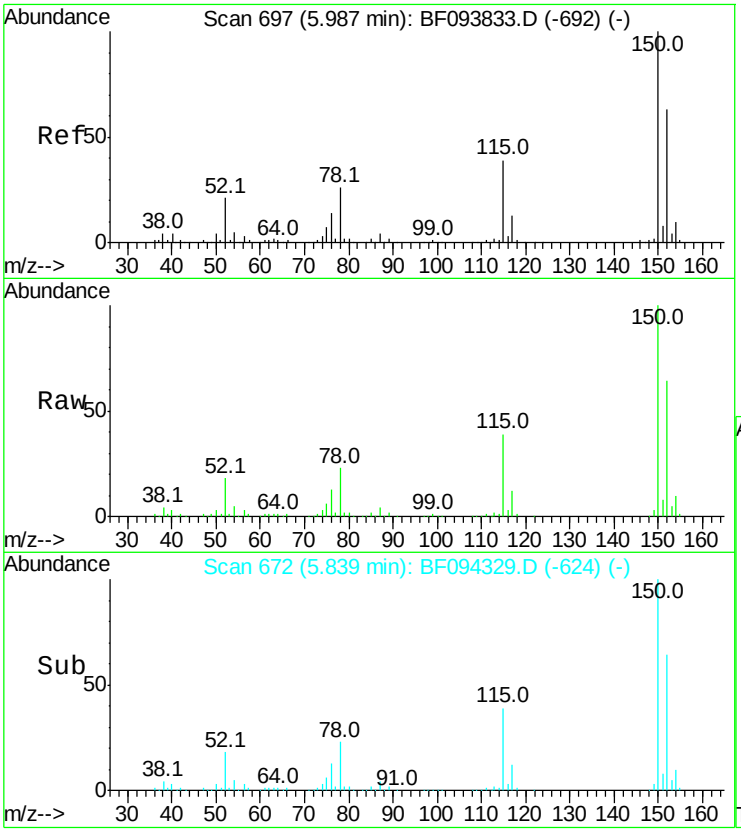


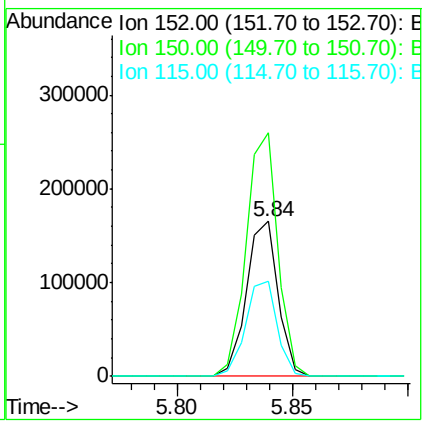


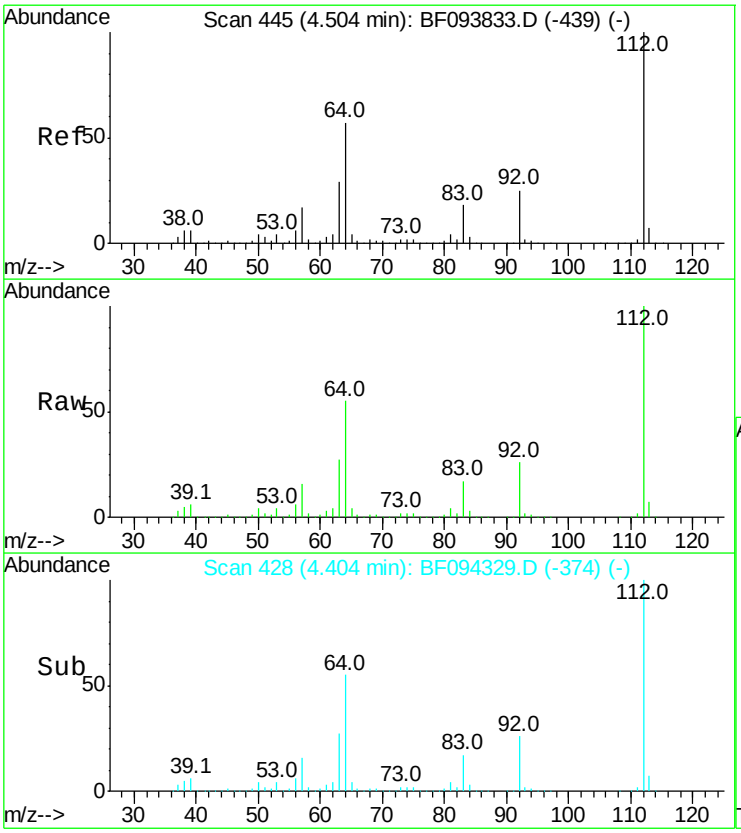
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :
B-30-S1(0-2)

Tgt Ion:152 Resp: 158717

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.1	52.2	78.2

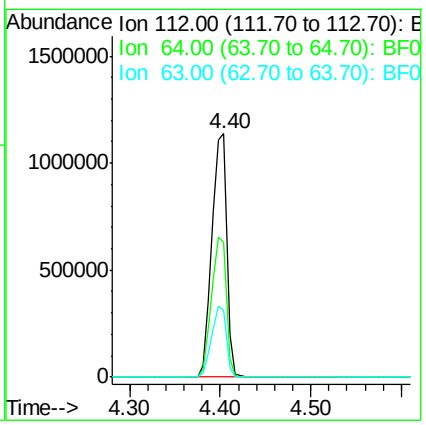


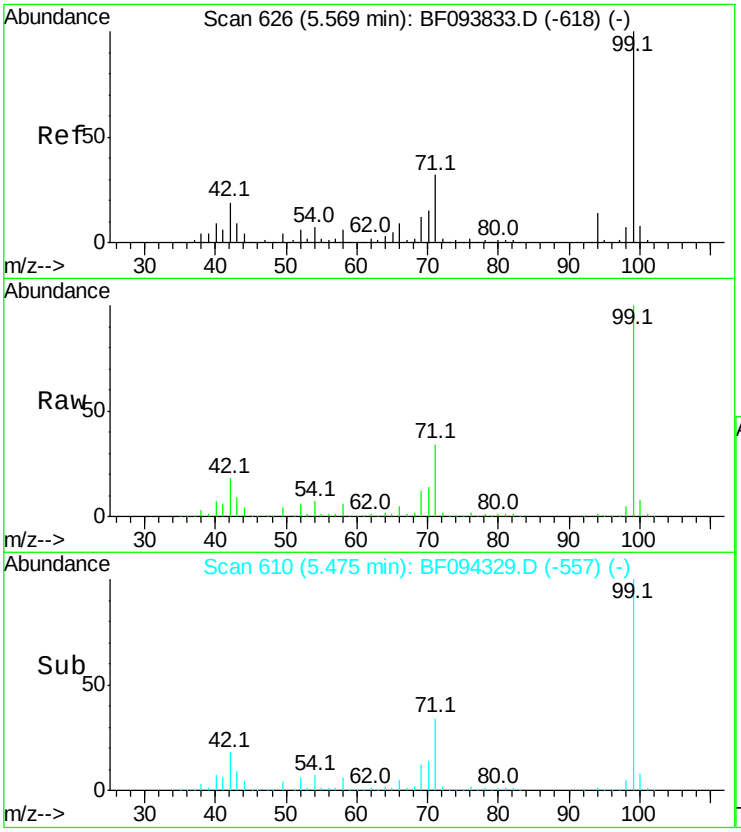


#5
2-Fluorophenol
Concen: 138.18 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion:112 Resp: 1298496

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.3	23.4	35.0



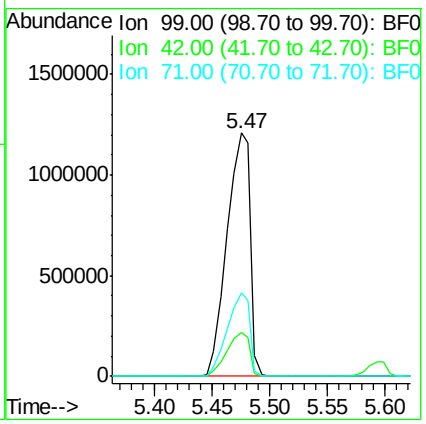


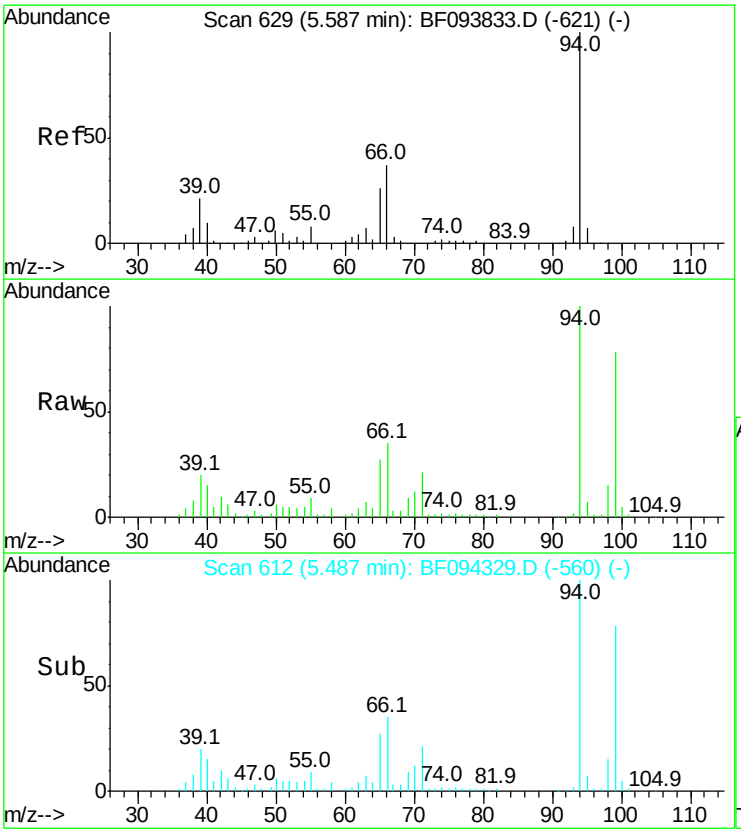
#7
Phenol-d6
Concen: 144.87 ng
RT: 5.47 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :
B-30-S1(0-2)

Tgt Ion: 99 Resp: 1684073

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	34.4	24.5	36.7

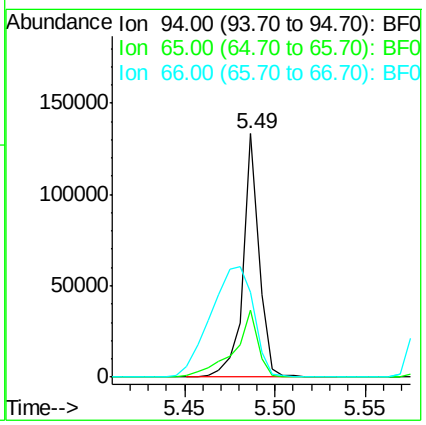


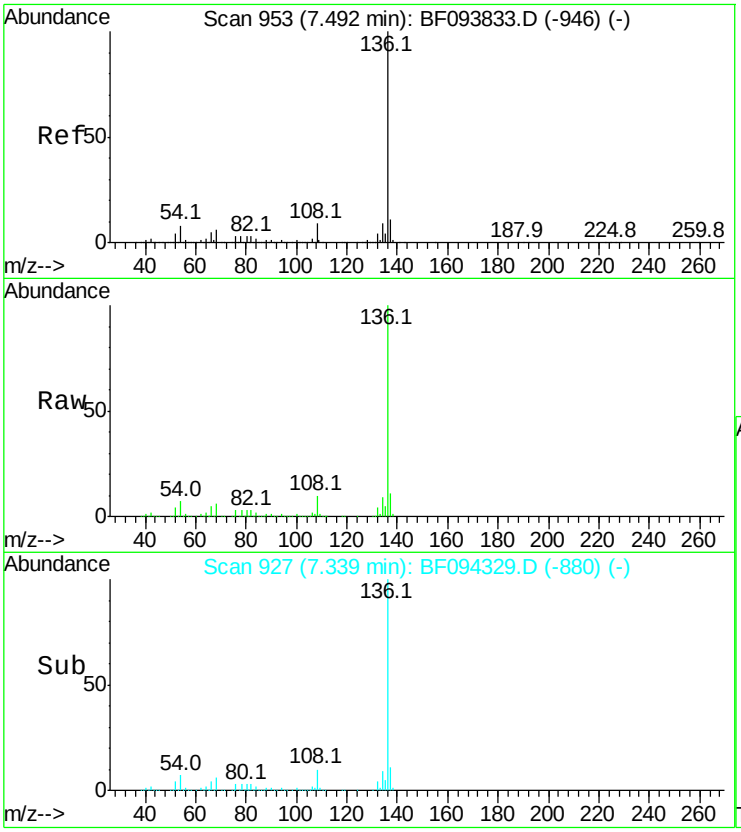


#10
Phenol
Concen: 6.14 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion: 94 Resp: 81216

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	35.0	23.1	63.1



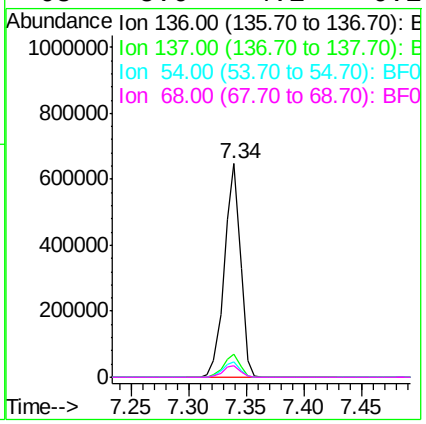


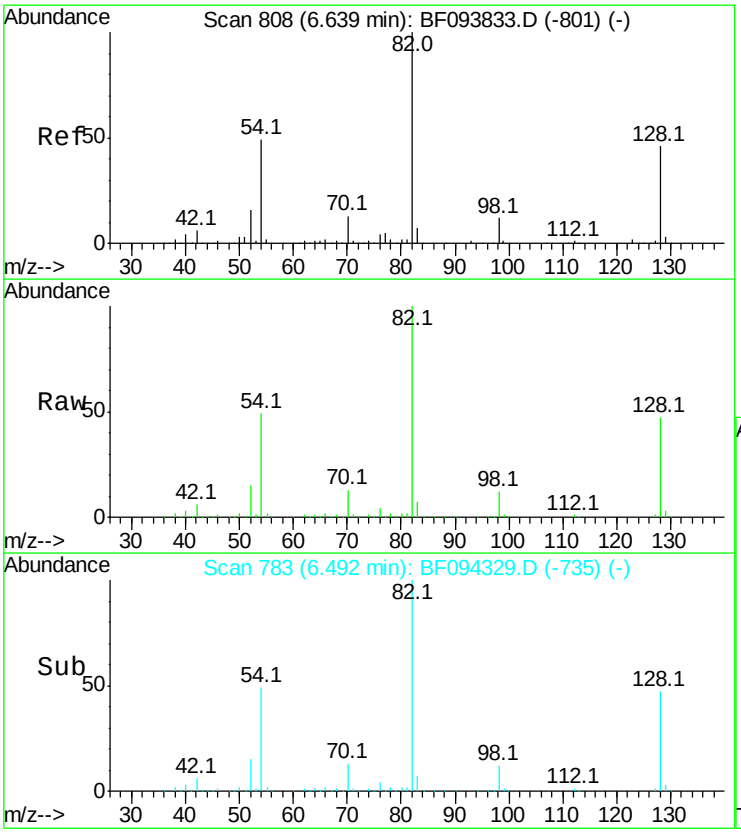
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :
B-30-S1(0-2)

Tgt Ion:136 Resp: 624399

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.2	4.9	7.3
68	5.6	4.1	6.1

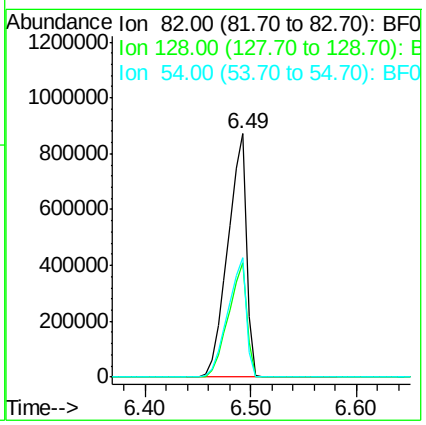


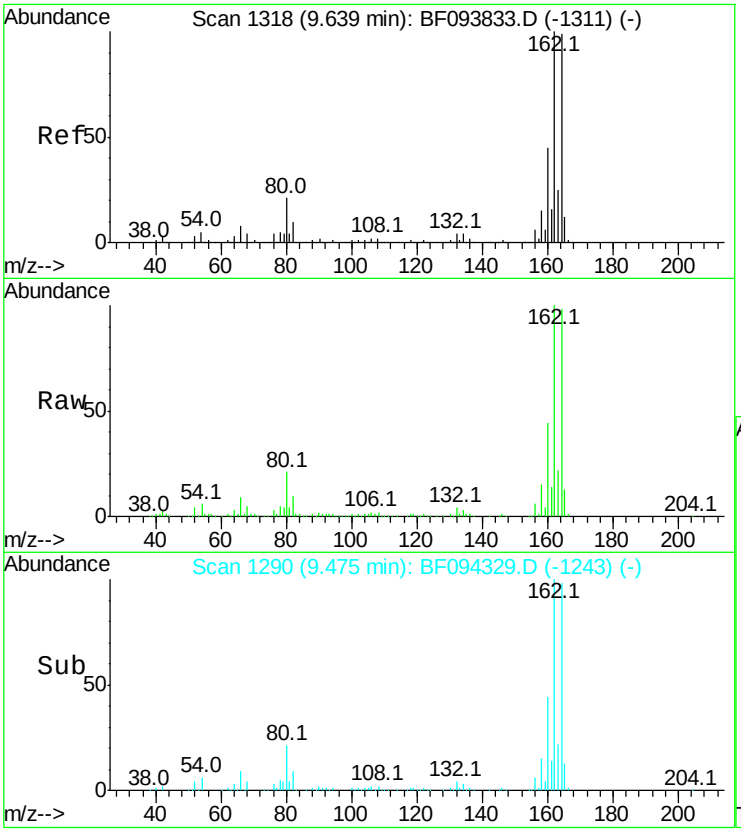


#23
Nitrobenzene-d5
Concen: 96.63 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion: 82 Resp: 1057285

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	49.1	42.2	63.2



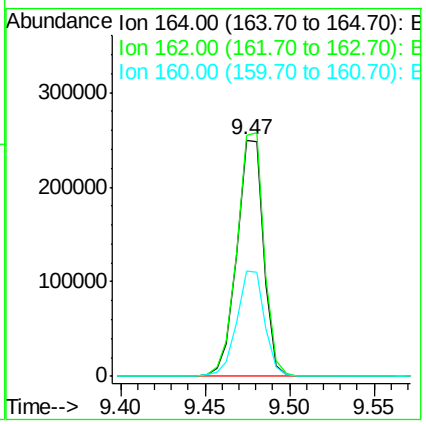


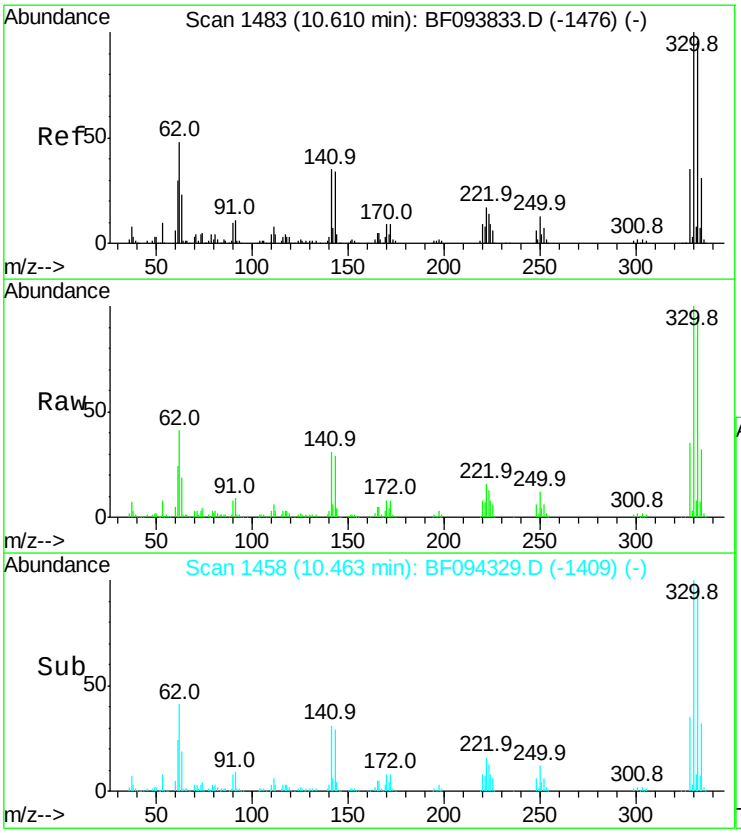
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :
B-30-S1(0-2)

Tgt Ion:164 Resp: 275000

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	44.4	36.2	54.2

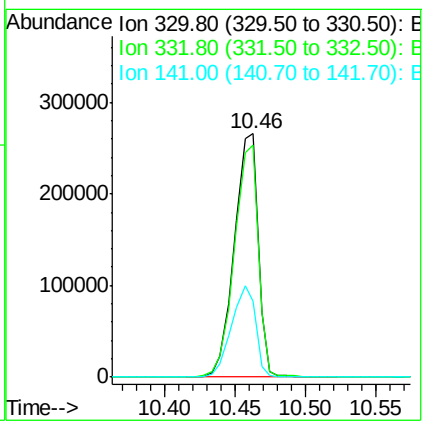


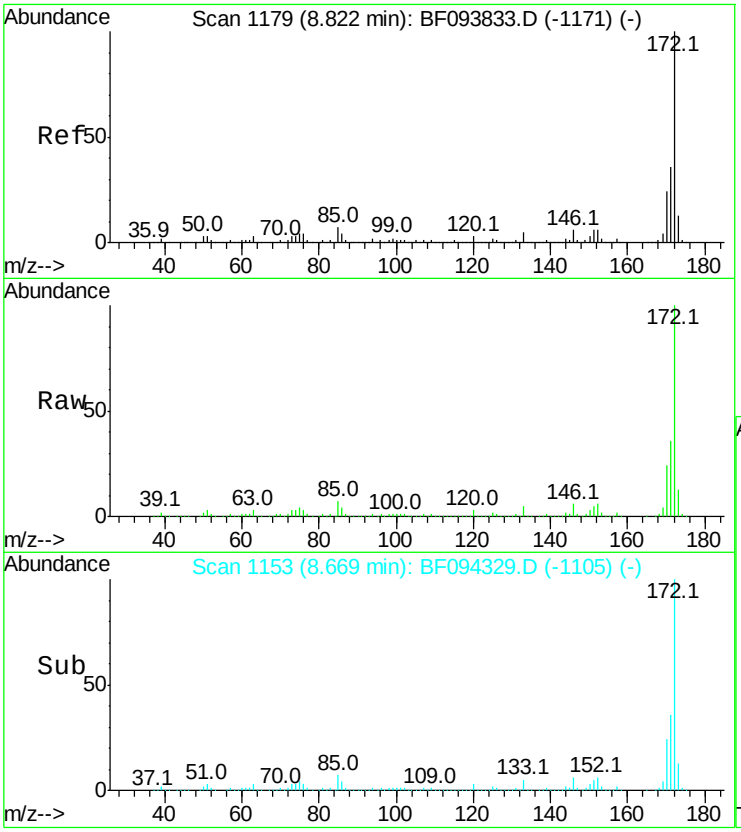


#41
2,4,6-Tribromophenol
Concen: 144.55 ng
RT: 10.46 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion:330 Resp: 314118

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.3	31.4	47.2



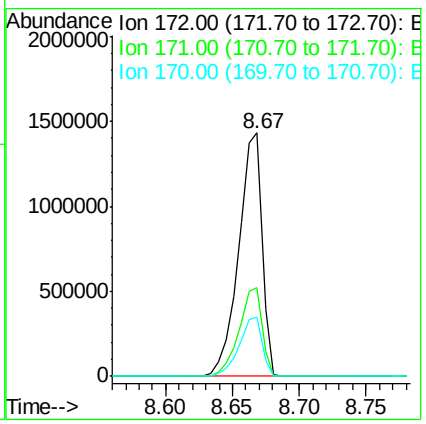


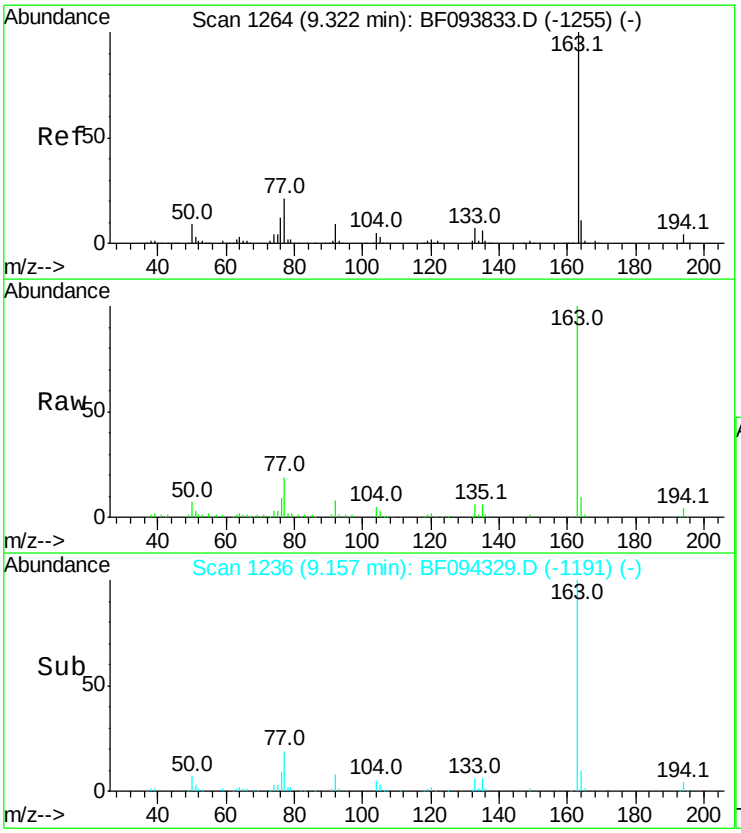
#44
2-Fluorobiphenyl
Concen: 96.00 ng
RT: 8.67 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :
B-30-S1(0-2)

Tgt Ion:172 Resp: 1730785

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.8	29.8

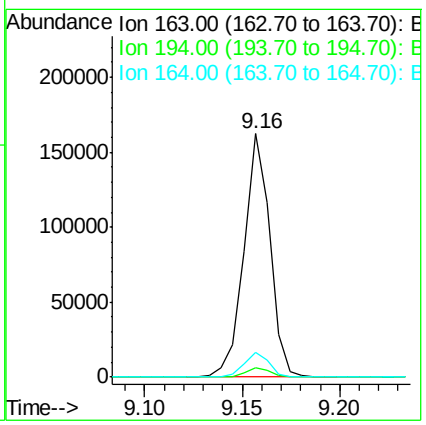


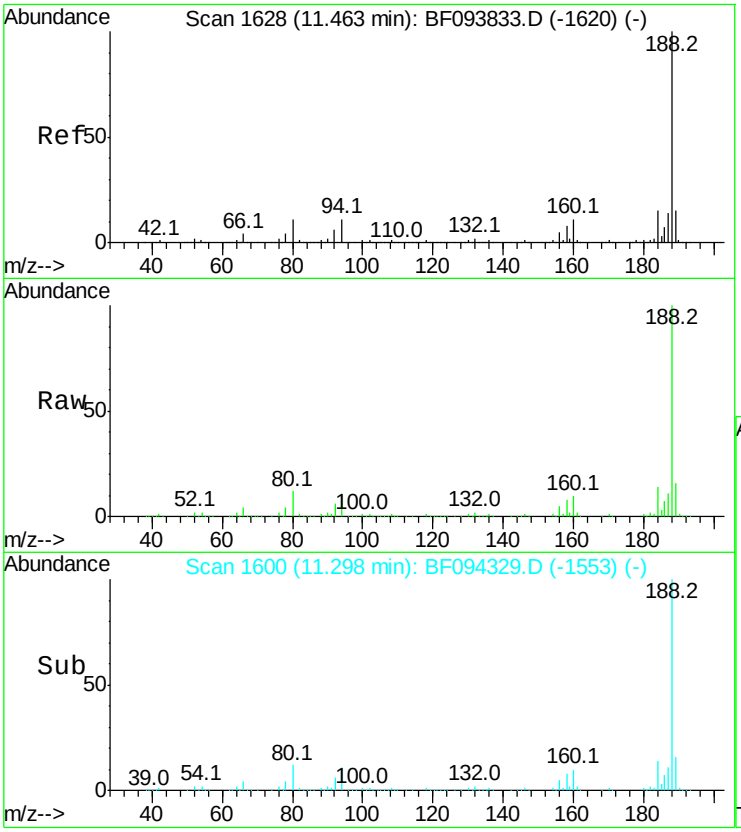


#49
Dimethylphthalate
Concen: 7.68 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion:163 Resp: 150184

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6



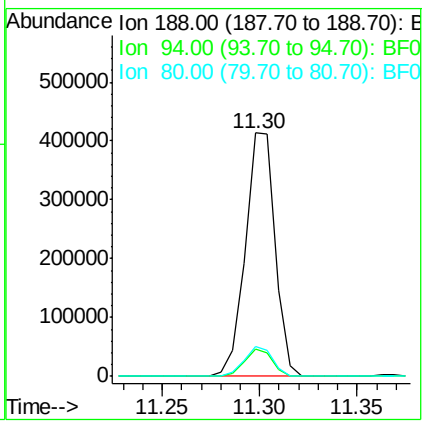


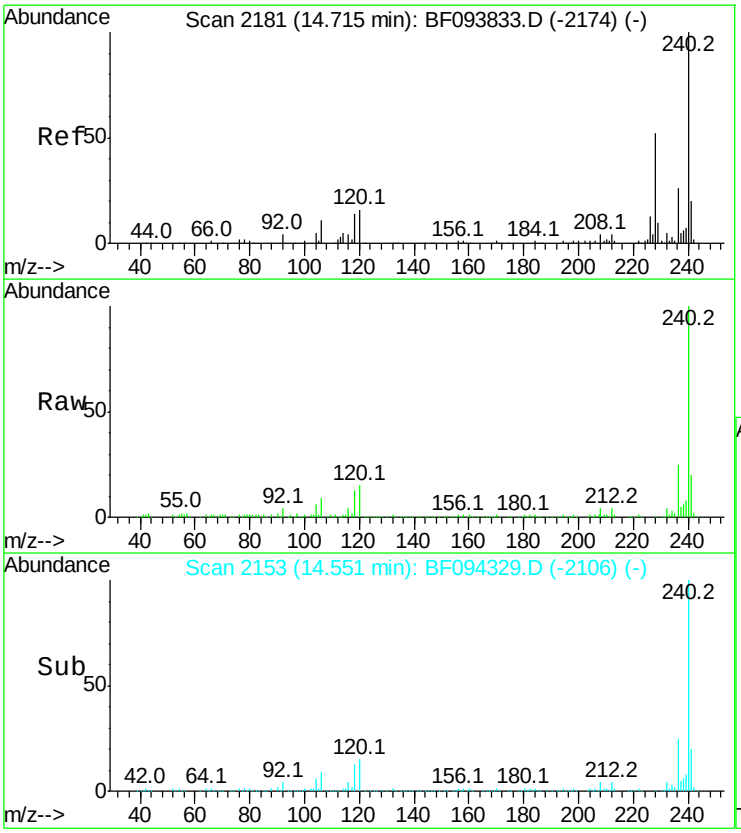
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :
B-30-S1(0-2)

Tgt Ion:188 Resp: 437668

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.4	10.2	15.2

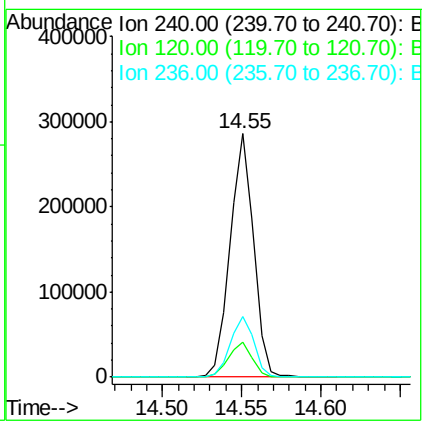


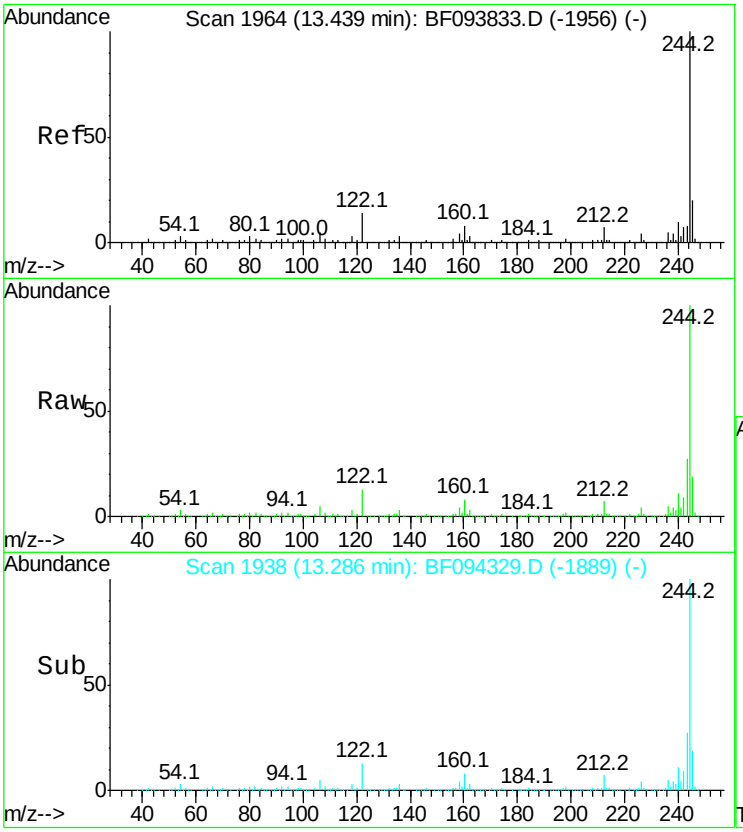


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion:240 Resp: 293200

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.1	20.5	30.7



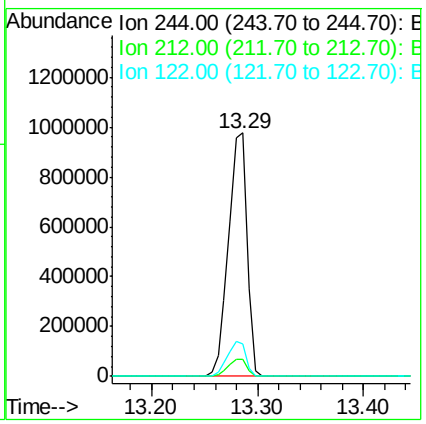


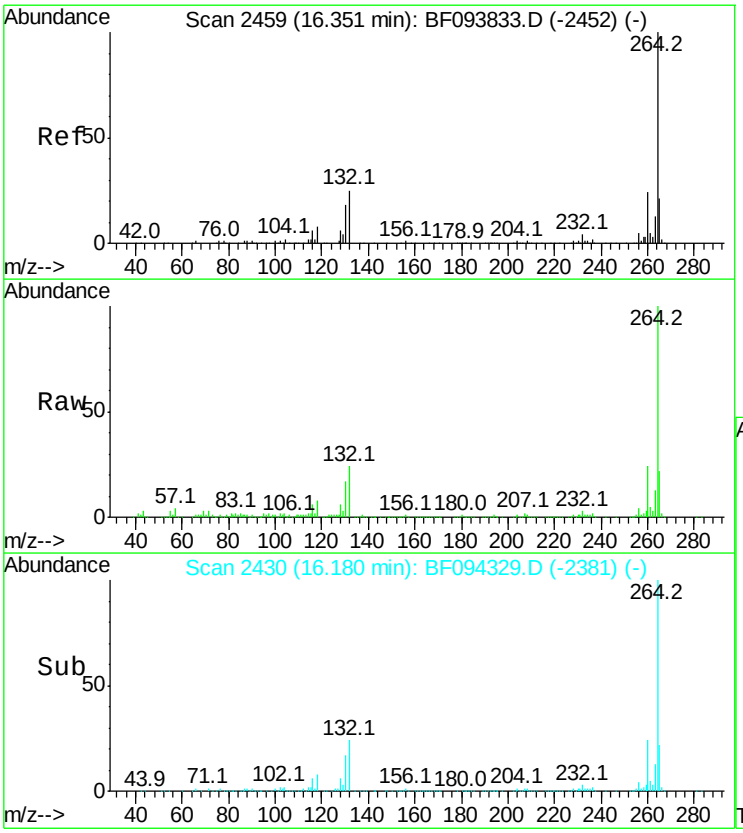
#78
Terphenyl-d14
Concen: 90.35 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :
B-30-S1(0-2)

Tgt Ion:244 Resp: 1181836

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.3	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: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion:264 Resp: 249103

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	17.2	25.8