Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094178.D
Acq On : 4 Apr 2017 20:21
Operator : SJ/MA
Sample : I2516-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Apr 05 01:52:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	168514	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	672103	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	313097	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	557460	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	436947	20.00	ng	-0.03
86) Perylene-d12	16.23	264	281486	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	622157	62.36	ng	-0.02
7) Phenol-d6	5.48	99	497067	40.27	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1018846	86.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	384773	155.52	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1839729	89.62	ng	-0.03
78) Terphenyl-d14	13.33	244	1588365	81.48	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.01	122	22201	2.33	ng	95
31) Naphthalene	7.40	128	237671	7.35	ng	99

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

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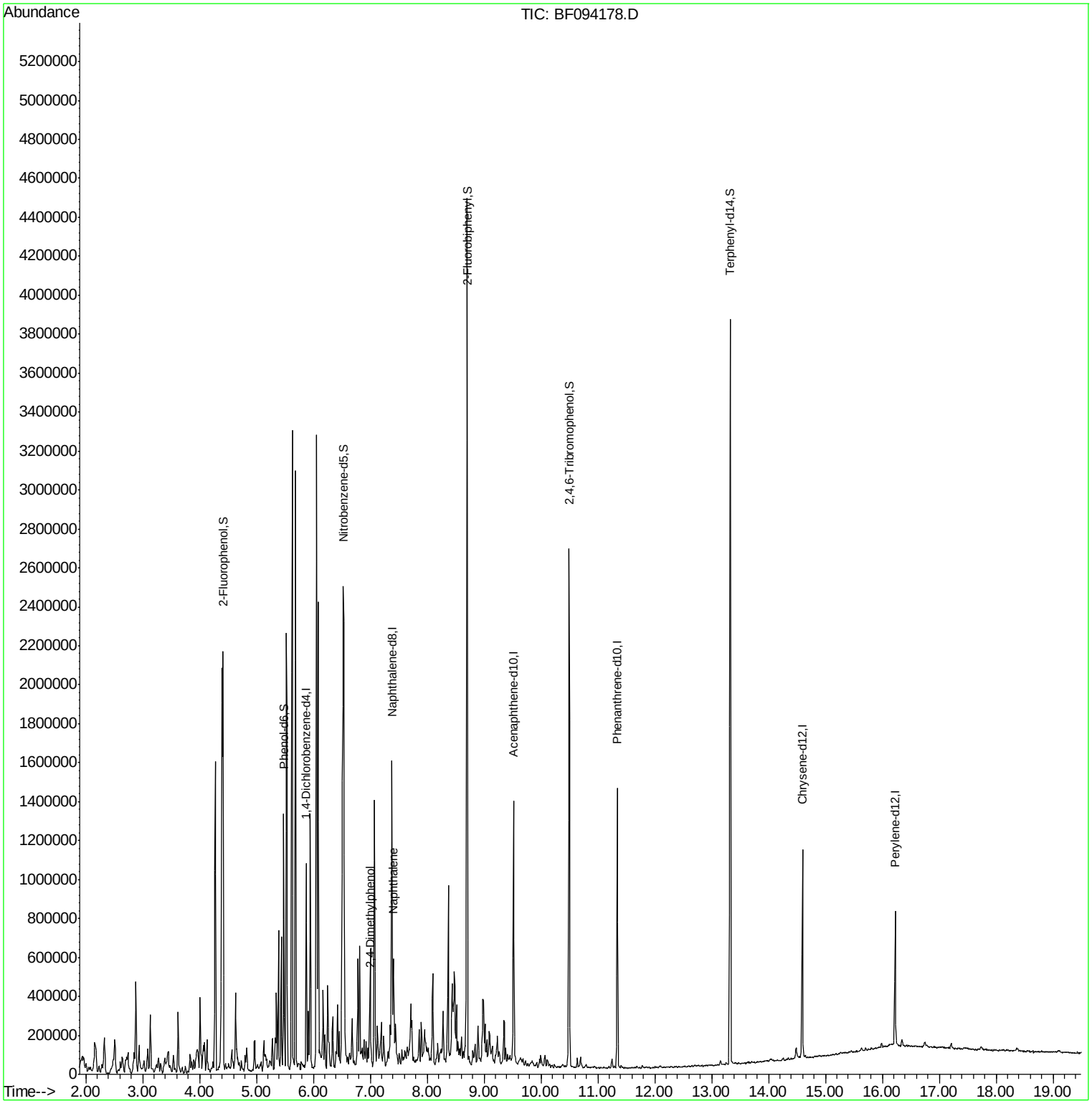
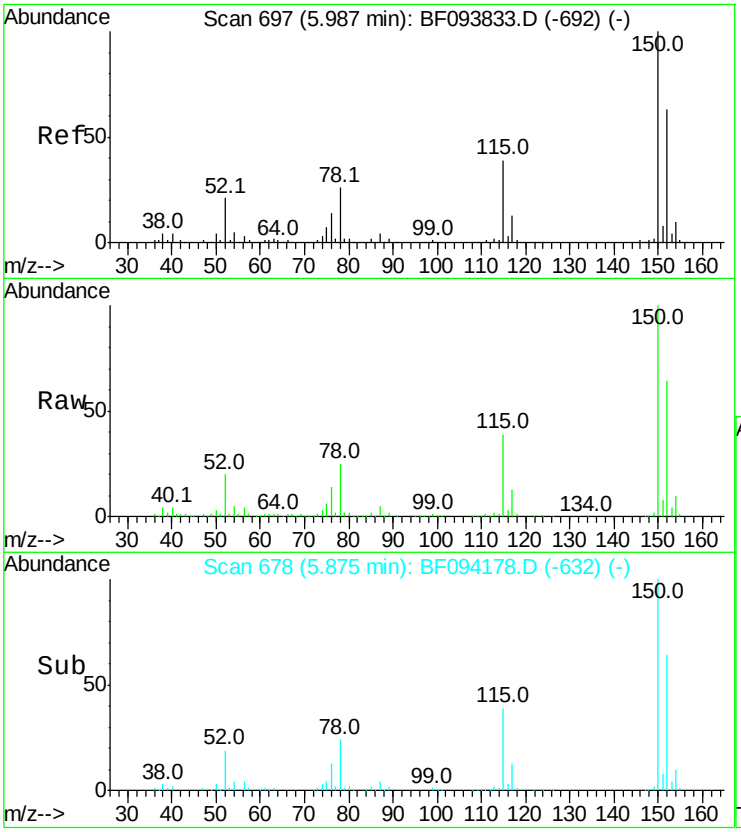


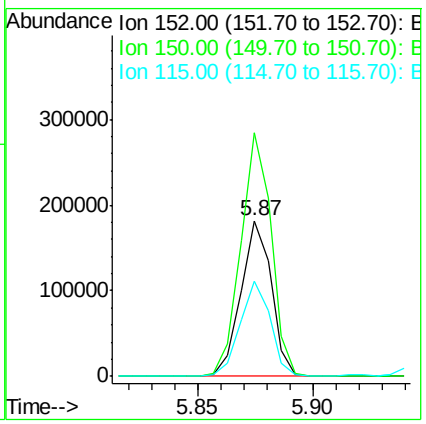


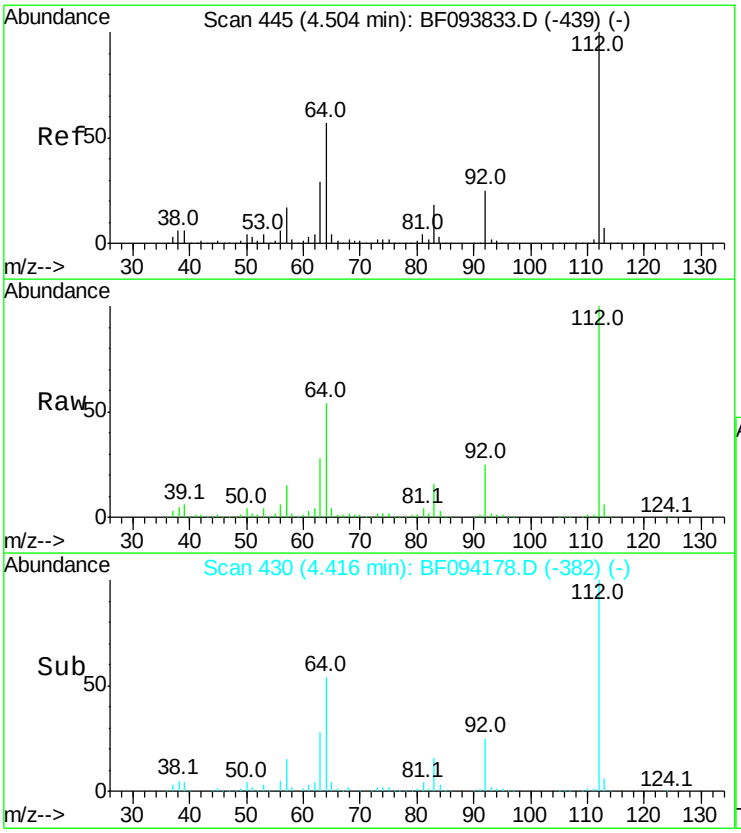
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 168514

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.2	52.2	78.2

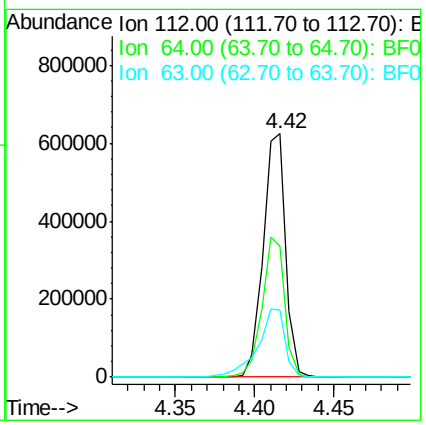


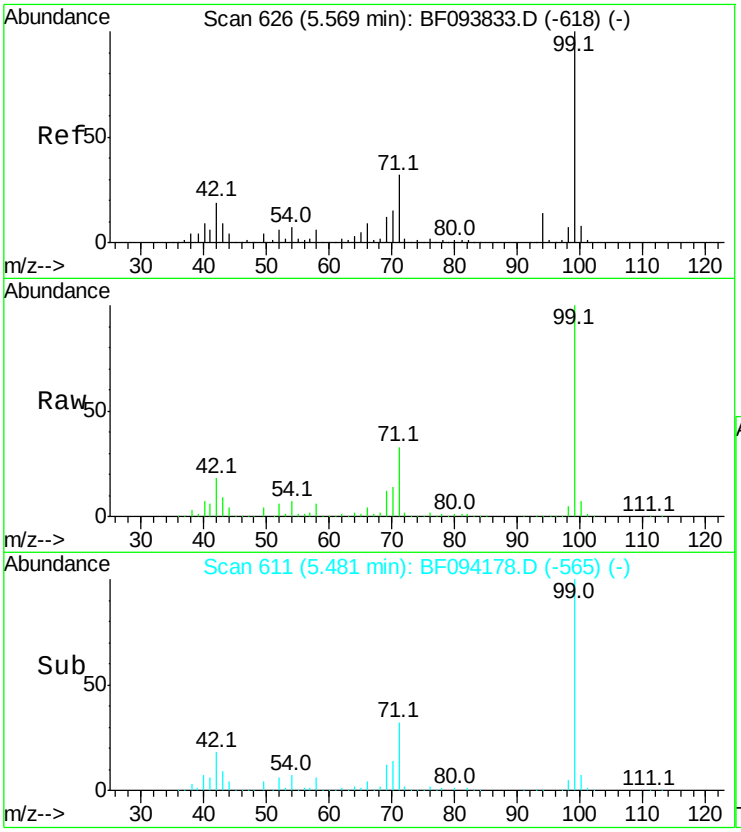


#5
2-Fluorophenol
Concen: 62.36 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:112 Resp: 622157

Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	27.6	23.4	35.0



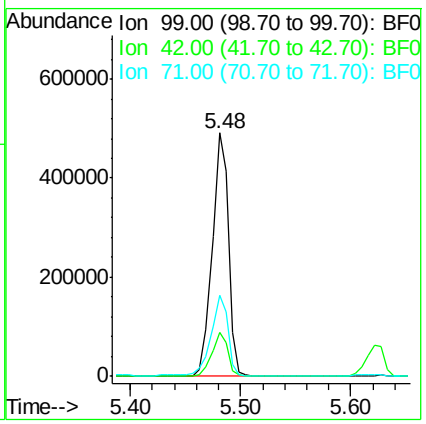


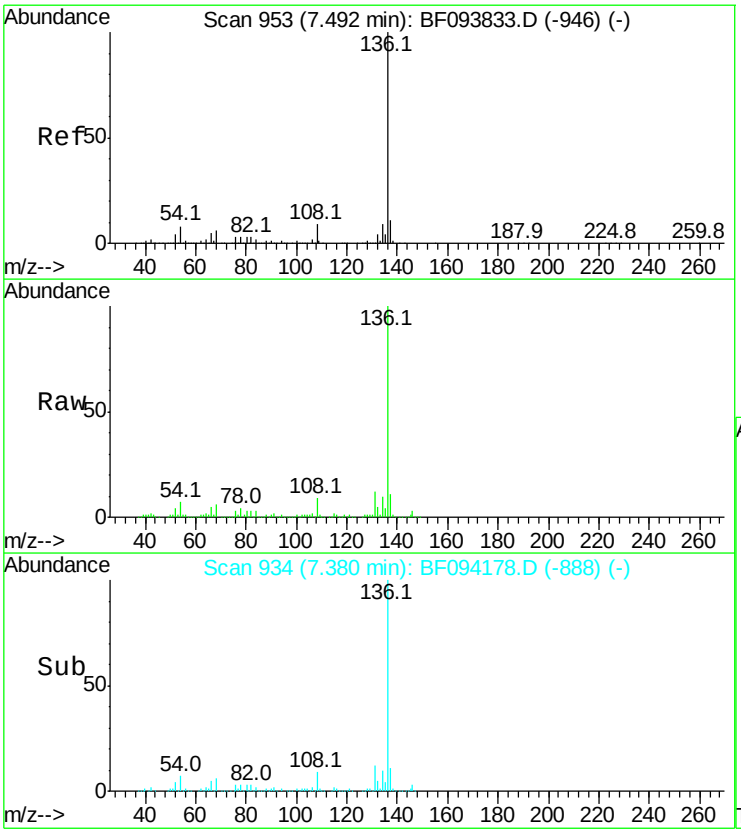
#7
Phenol-d6
Concen: 40.27 ng
RT: 5.48 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 497067

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.2	24.5	36.7

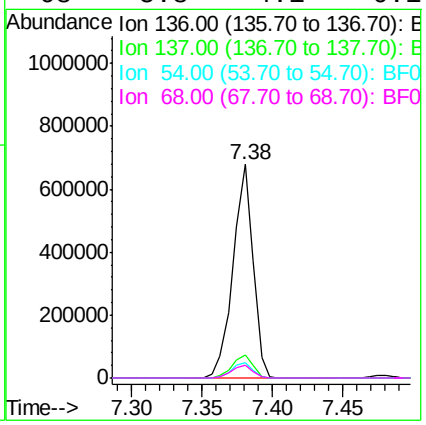


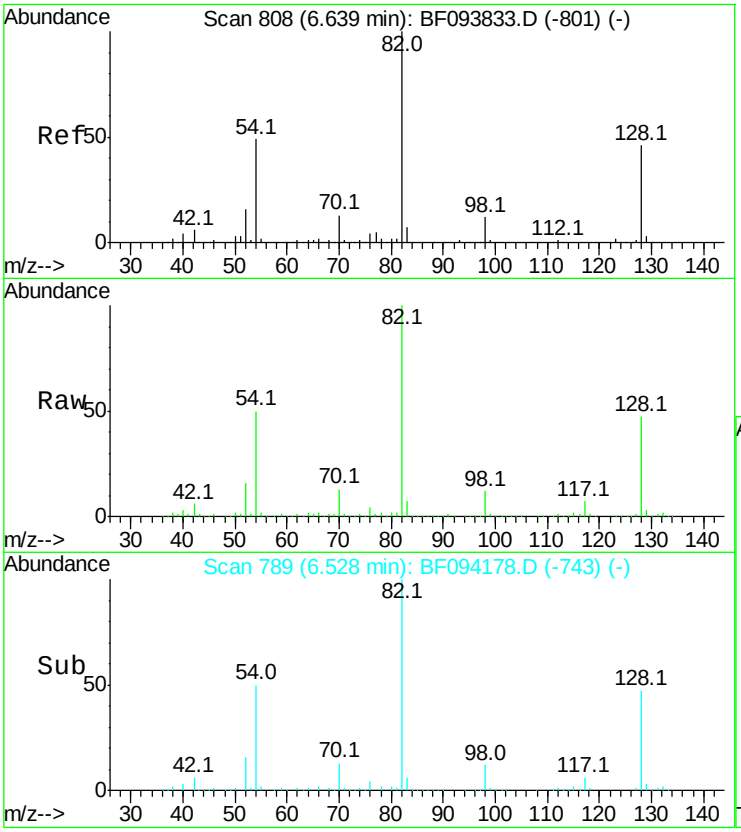


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:136 Resp: 672103

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1



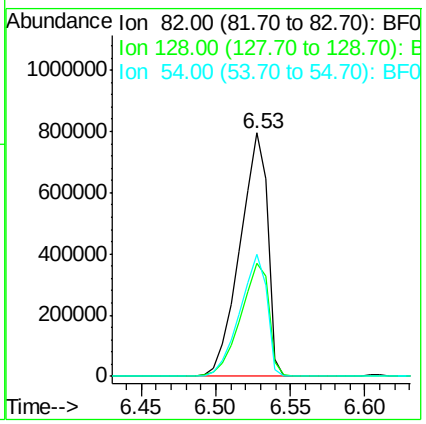


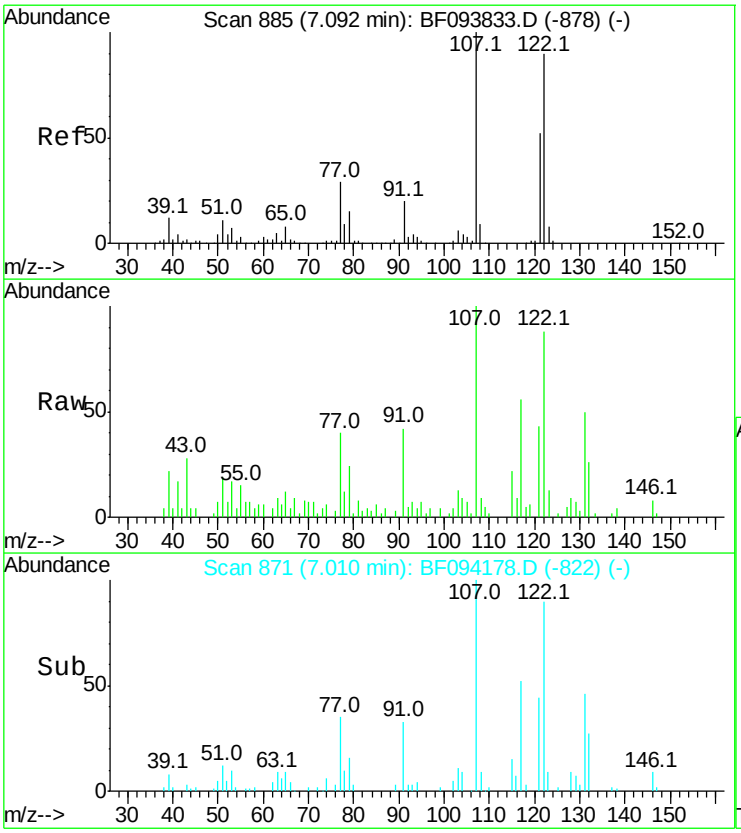
#23
Nitrobenzene-d5
Concen: 86.51 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1018846

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	50.0	42.2	63.2

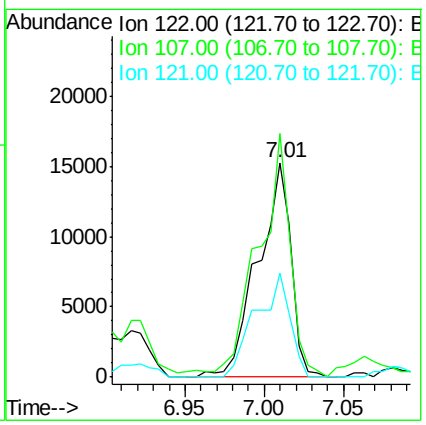


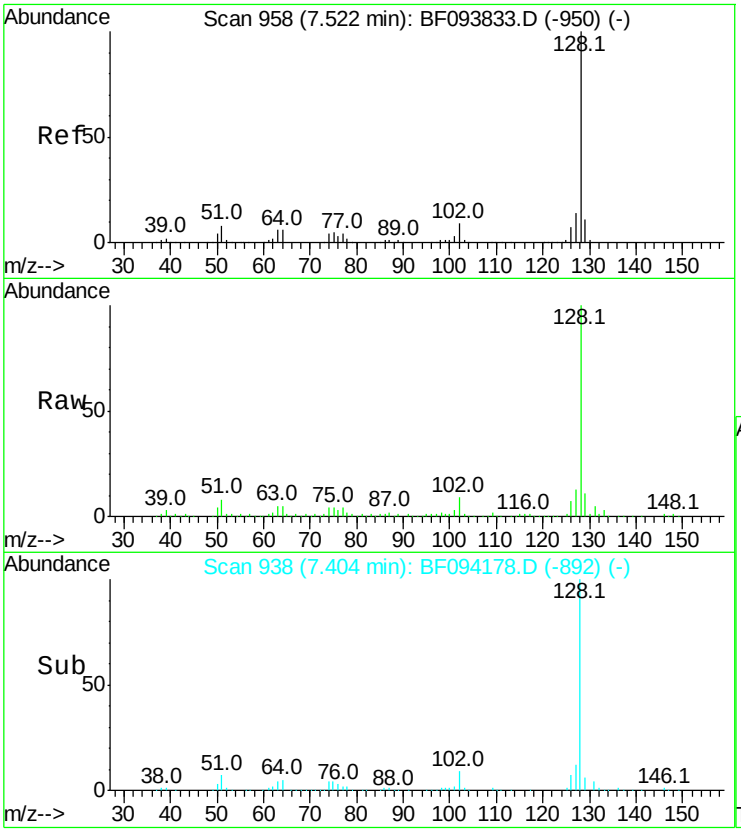


#27
2,4-Dimethylphenol
Concen: 2.33 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:122 Resp: 22201

Ion	Ratio	Lower	Upper
122	100		
107	113.5	89.2	133.8
121	48.7	45.2	67.8



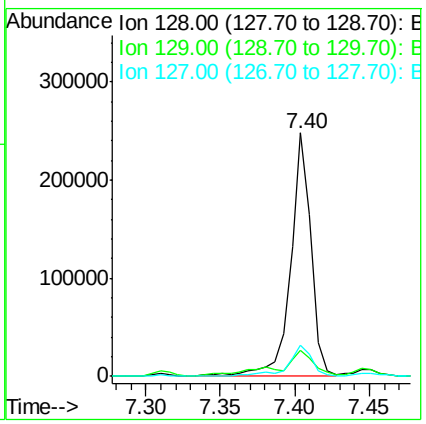


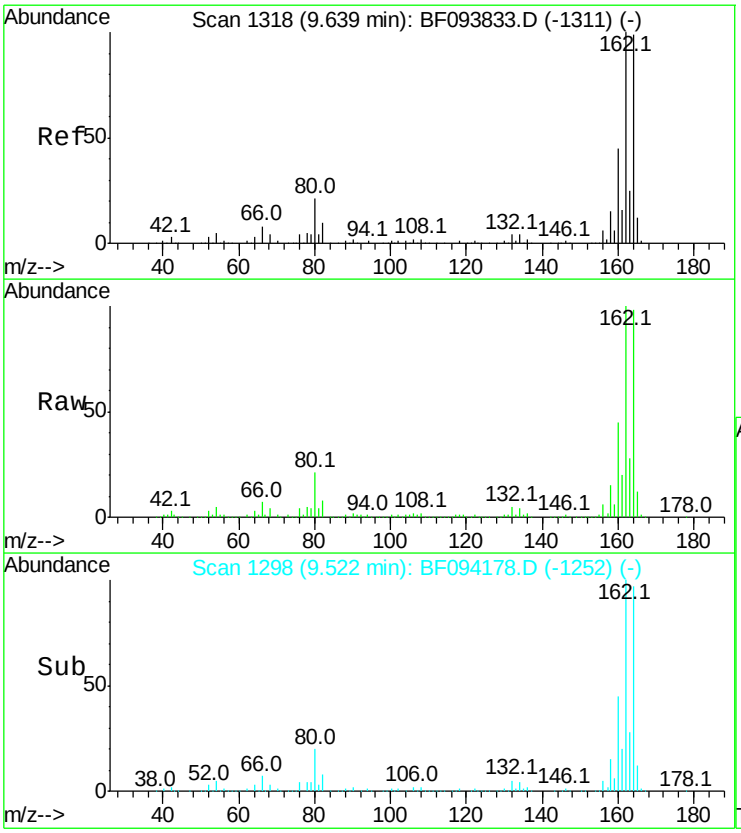
#31
Naphthalene
Concen: 7.35 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:128 Resp: 237671

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.7	10.8	16.2

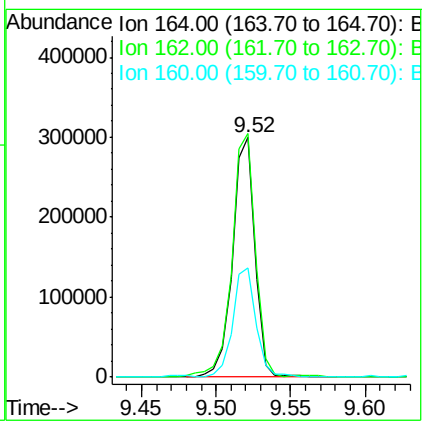


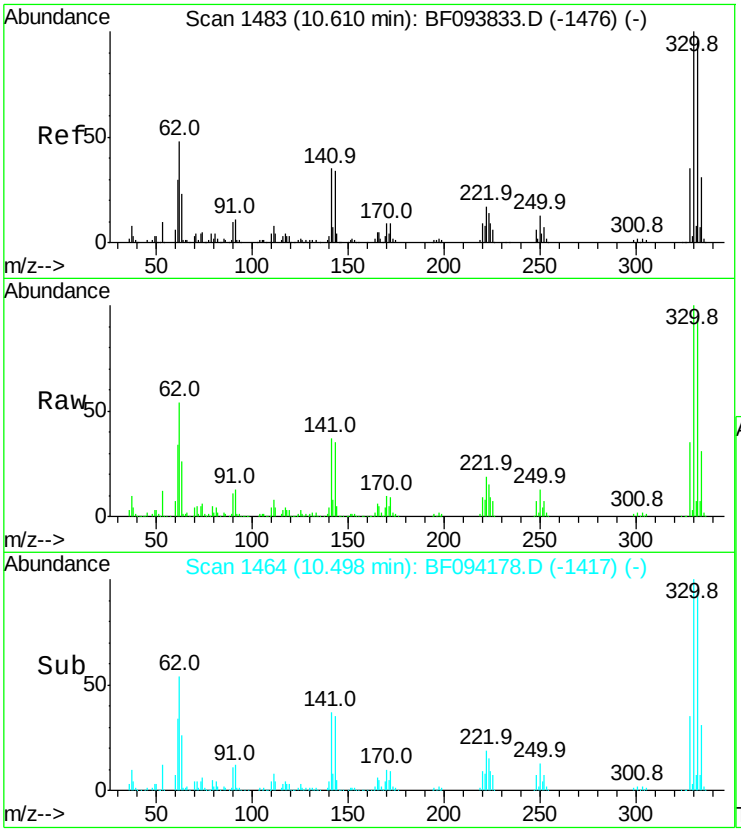


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:164 Resp: 313097

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	45.8	36.2	54.2



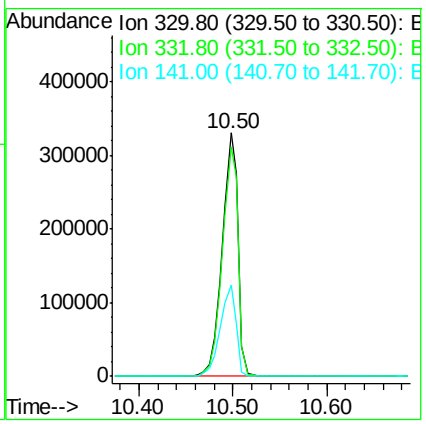


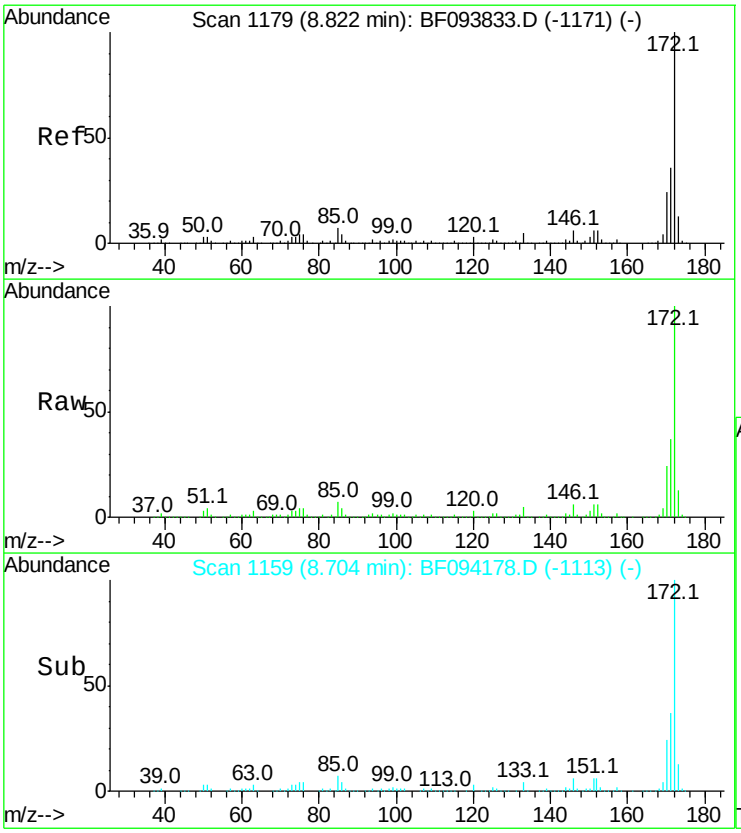
#41
2,4,6-Tribromophenol
Concen: 155.52 ng
RT: 10.50 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 384773

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	38.0	31.4	47.2

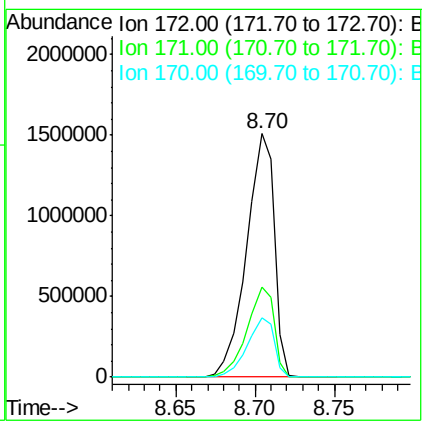


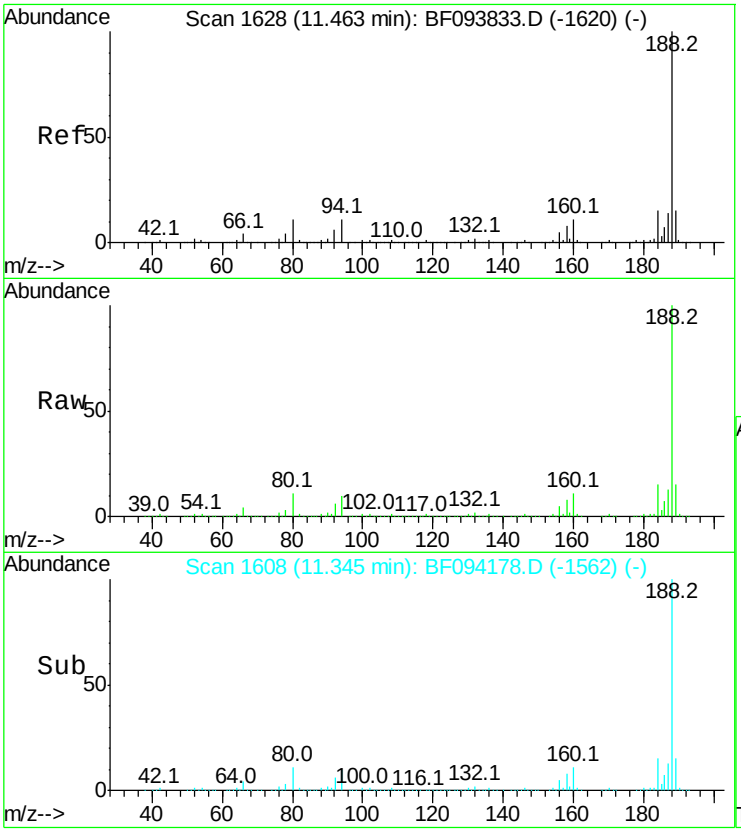


#44
2-Fluorobiphenyl
Concen: 89.62 ng
RT: 8.70 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:172 Resp: 1839729

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.2	19.8	29.8



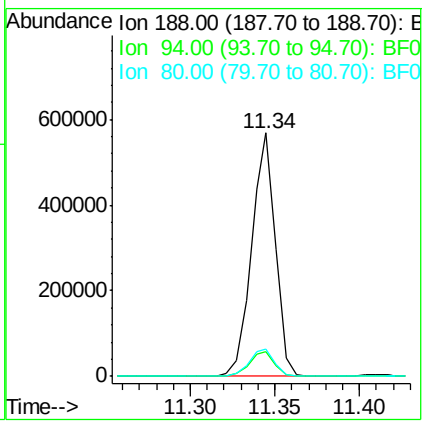


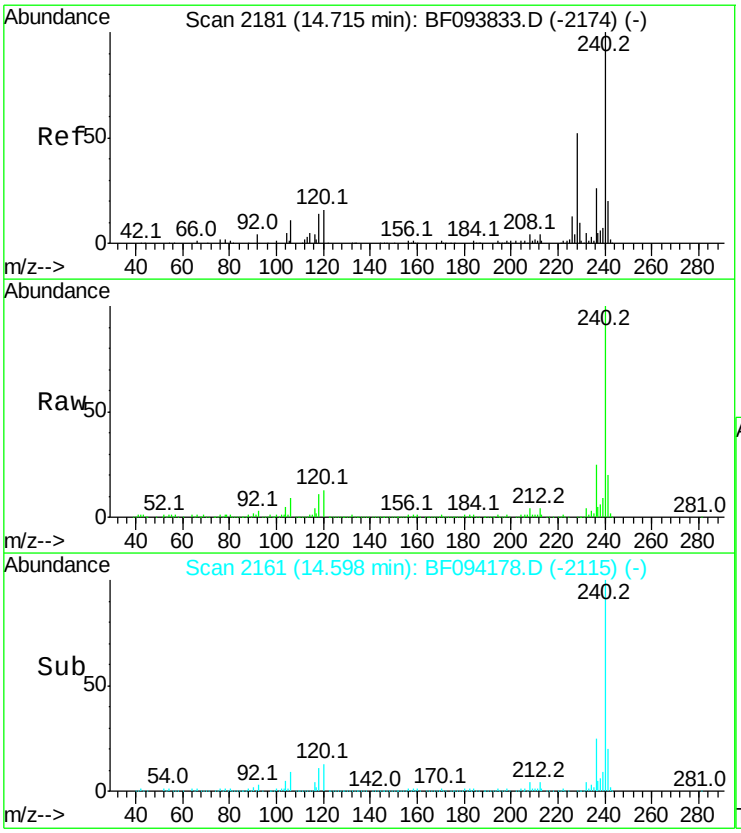
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 557460

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.2	10.2	15.2

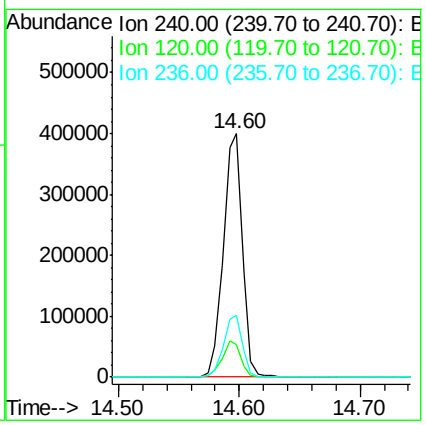


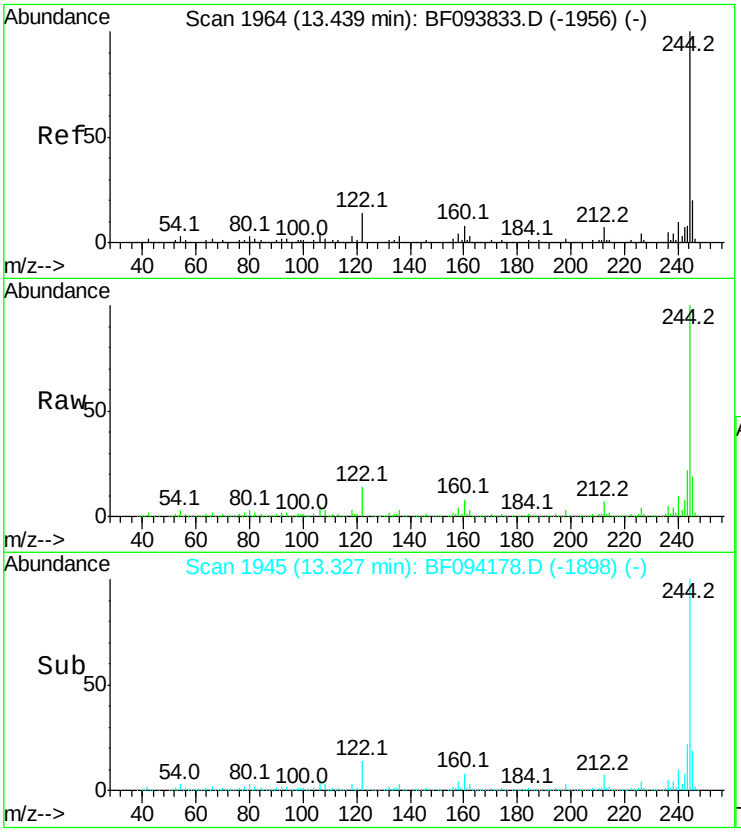


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:240 Resp: 436947

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.3	20.5	30.7



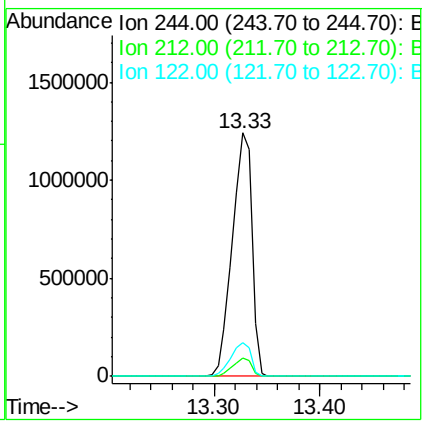


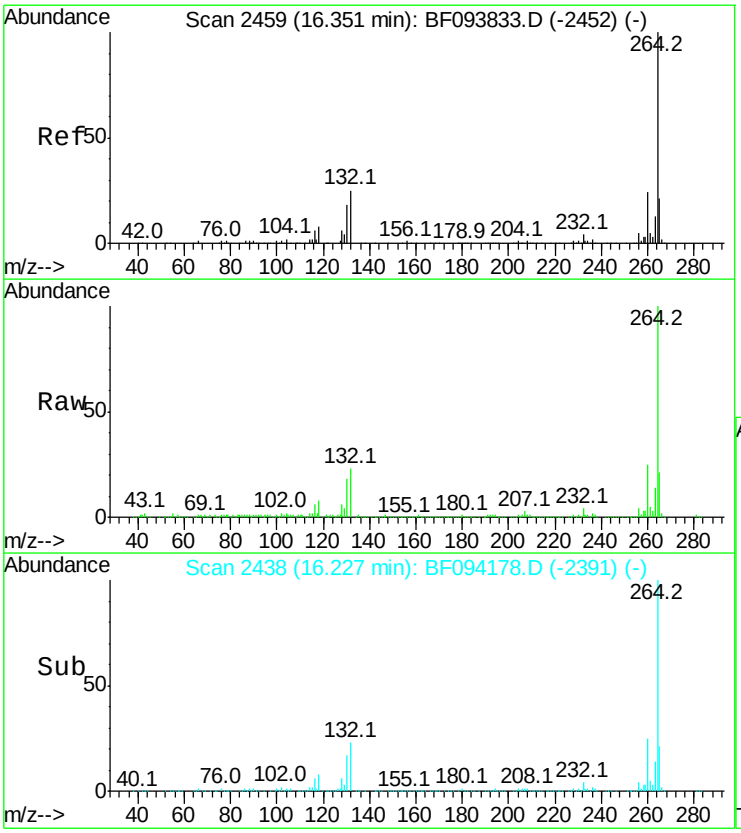
#78
Terphenyl-d14
Concen: 81.48 ng
RT: 13.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 1588365

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.9	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BF094178.D
Acq: 4 Apr 2017 20:21

Tgt Ion:264 Resp: 281486

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.1	17.2	25.8