Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094310.D
Acq On : 10 Apr 2017 14:48
Operator : SJ/MA
Sample : I2532-08RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 38DRE

Quant Time: Apr 11 01:24:16 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	5.83	152	159646	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	646960	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	297729	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	539315	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	435495	20.00	ng	-0.02
86) Perylene-d12	16.18	264	285815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	68944	7.29	ng	0.01
7) Phenol-d6	5.47	99	53914	4.61	ng	0.00
23) Nitrobenzene-d5	6.48	82	244697	21.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	43250	18.38	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	501194	25.68	ng	-0.02
78) Terphenyl-d14	13.27	244	388059	19.97	ng	-0.02
Target Compounds						Qvalue

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

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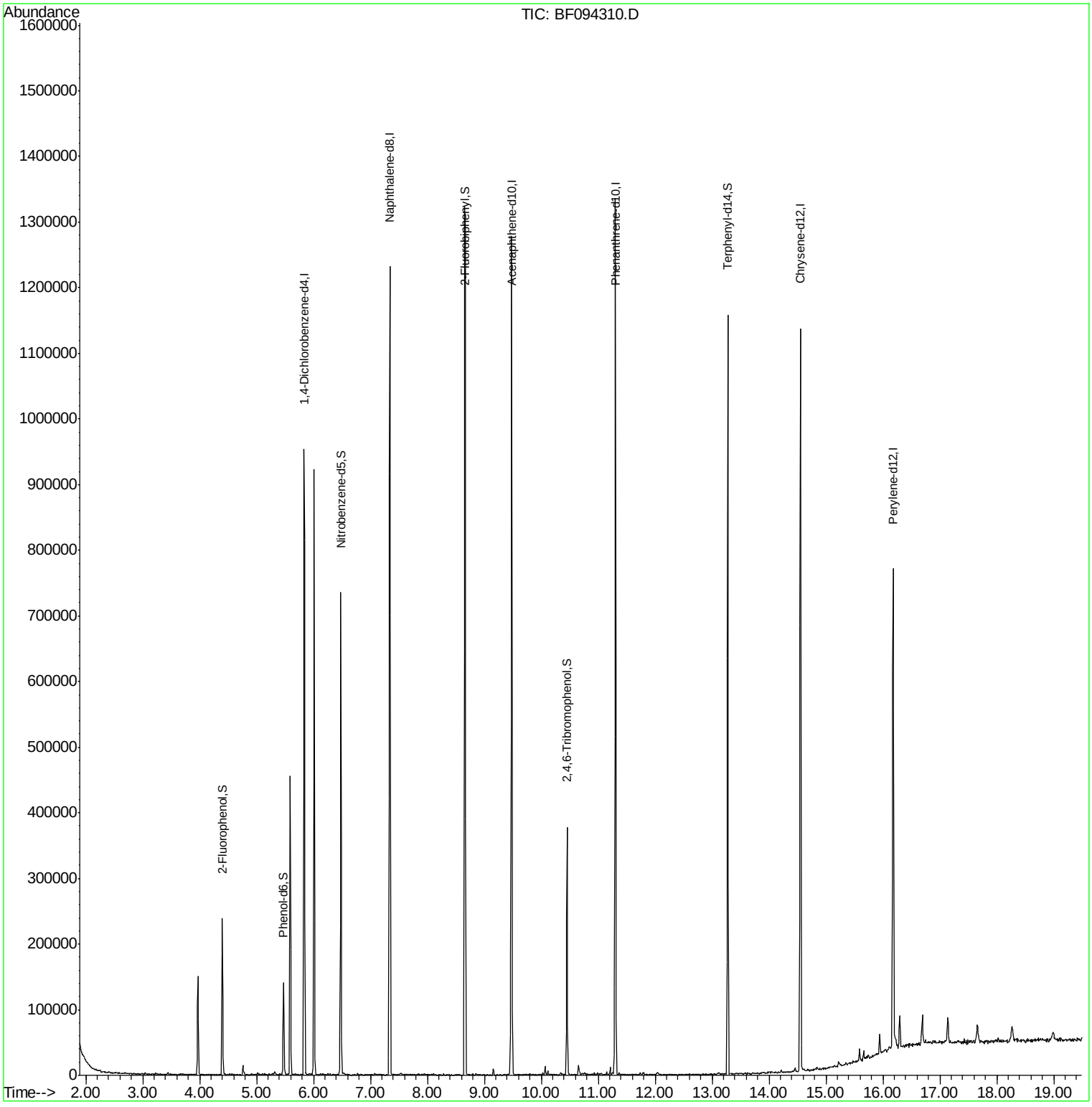
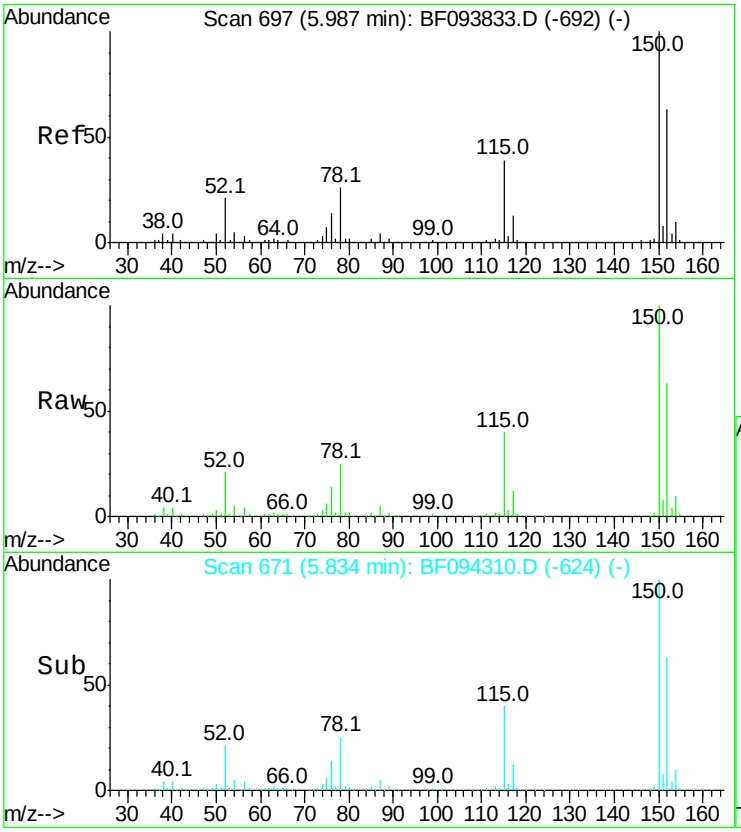


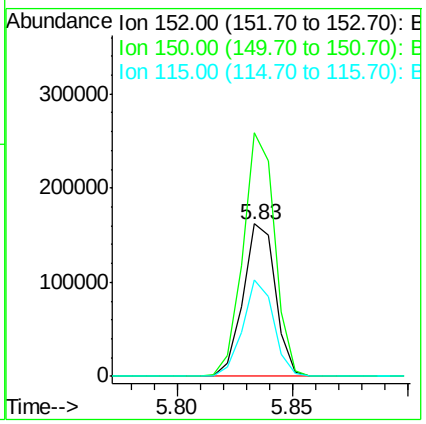


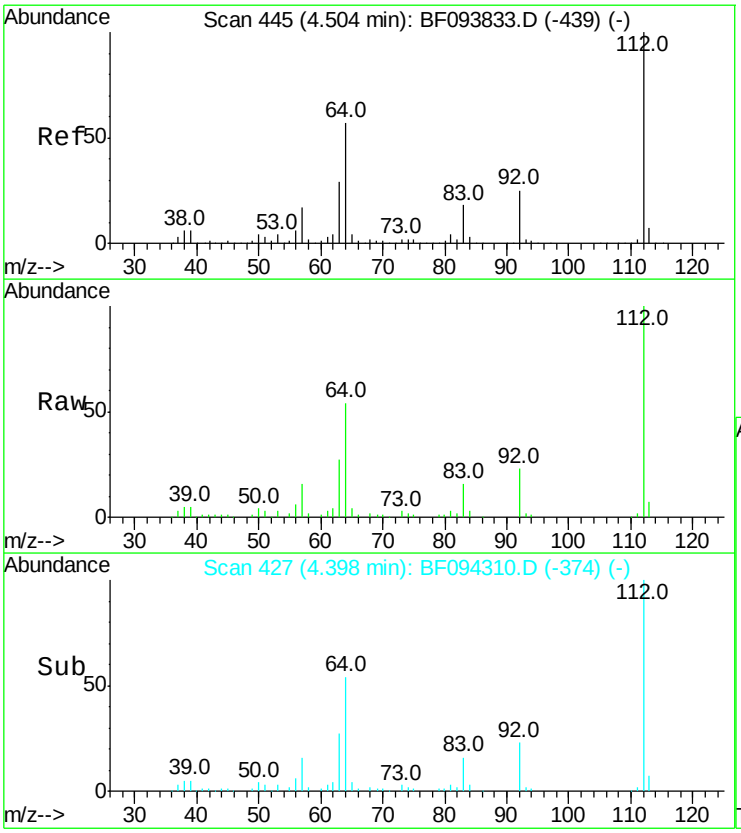
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Instrument :
BNA_F
ClientSampleId :
38DRE

Tgt Ion:152 Resp: 159646

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	63.1	52.2	78.2

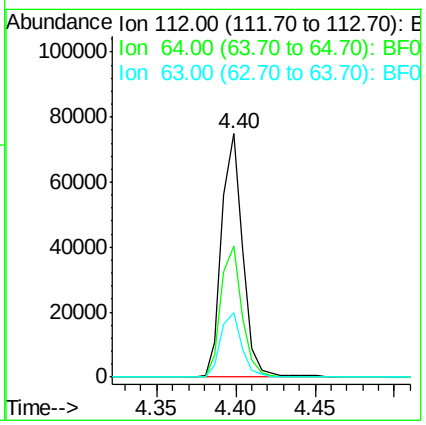


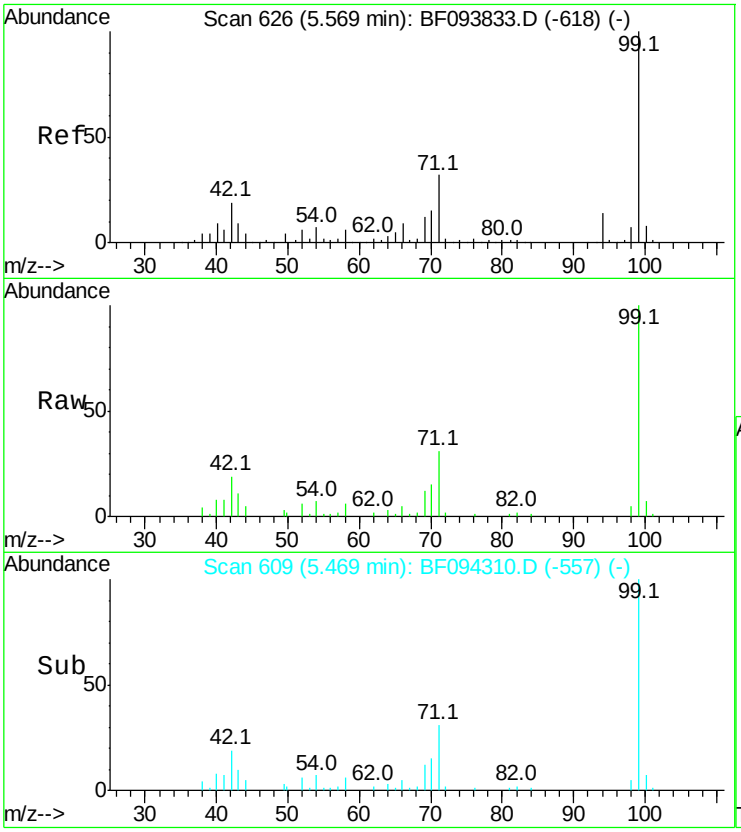


#5
2-Fluorophenol
Concen: 7.29 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Tgt Ion:112 Resp: 68944

Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.6	23.4	35.0



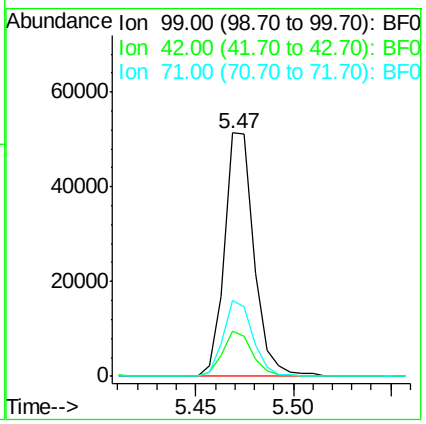


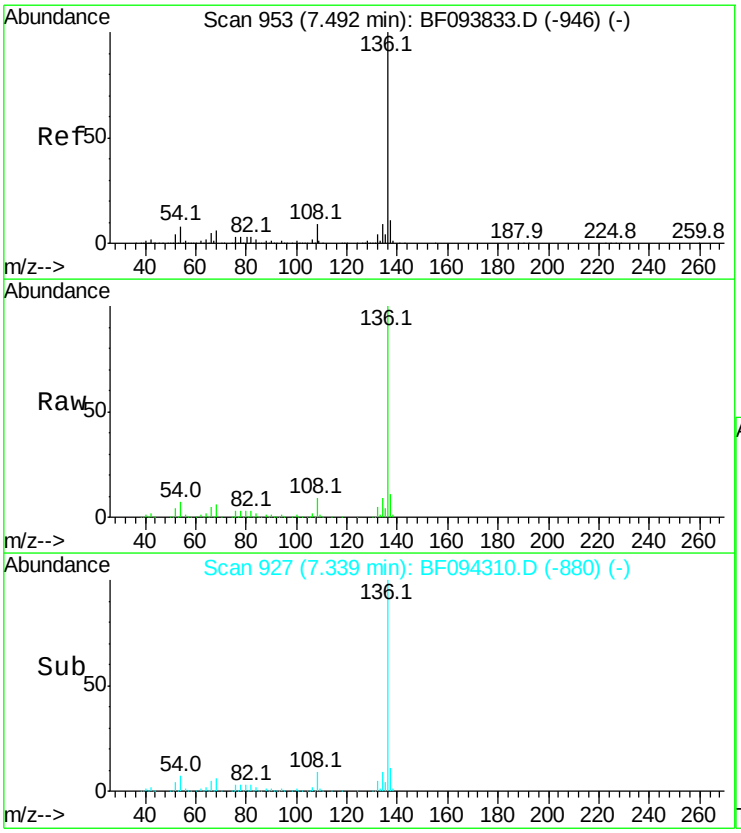
#7
Phenol-d6
Concen: 4.61 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Instrument :
BNA_F
ClientSampleId :
38DRE

Tgt Ion: 99 Resp: 53914

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	31.1	24.5	36.7

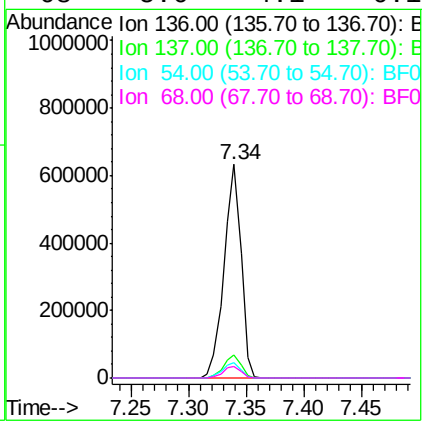


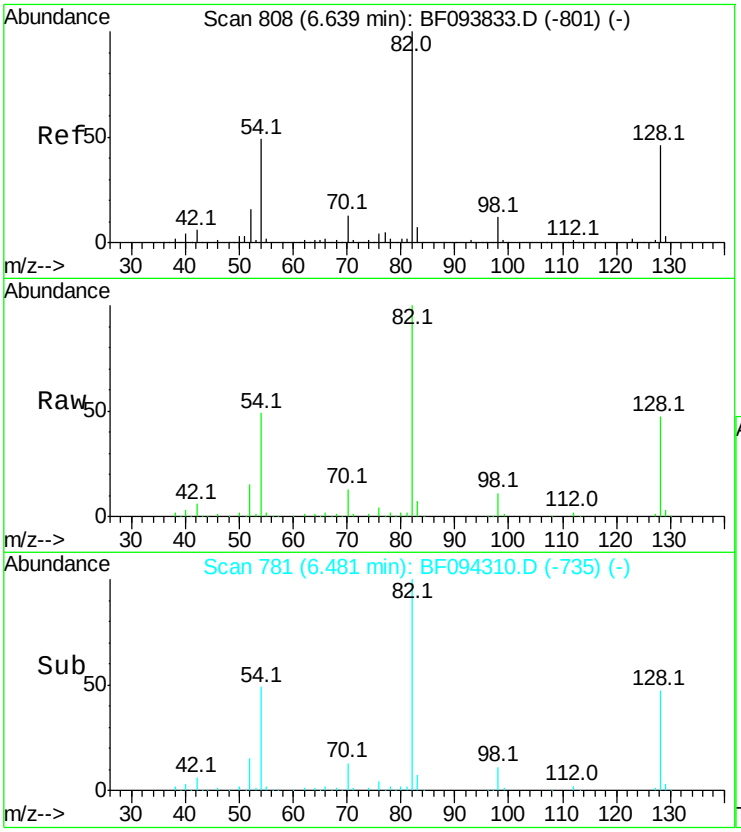


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Tgt Ion:136 Resp: 646960

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.4	4.9	7.3#
68	5.6	4.1	6.1



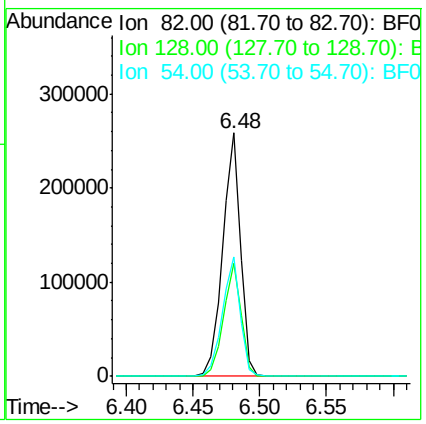


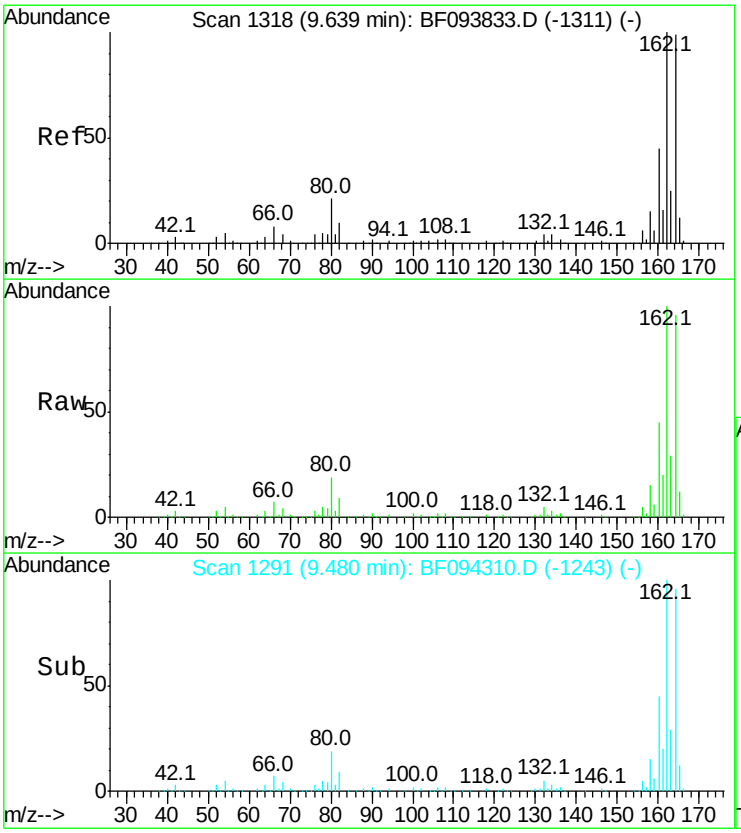
#23
Nitrobenzene-d5
Concen: 21.58 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Instrument :
BNA_F
ClientSampleId :
38DRE

Tgt Ion: 82 Resp: 244697

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	48.8	42.2	63.2

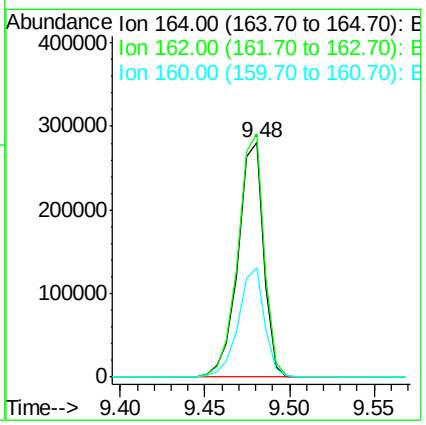


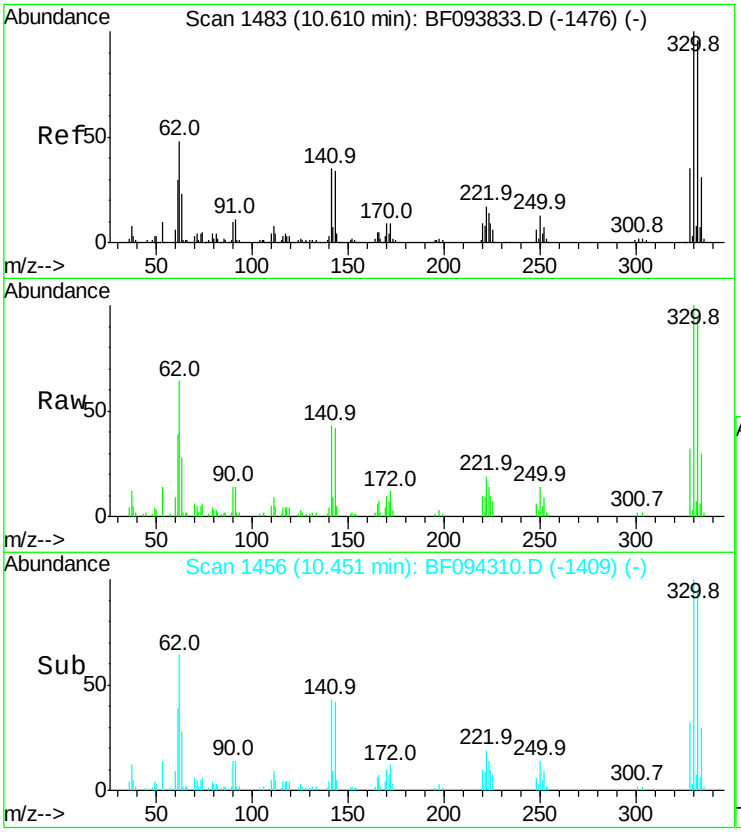


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Tgt Ion:164 Resp: 297729

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	46.6	36.2	54.2



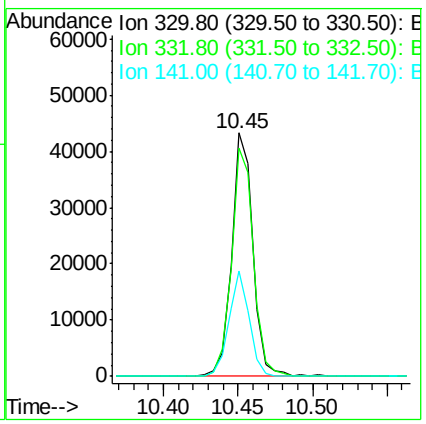


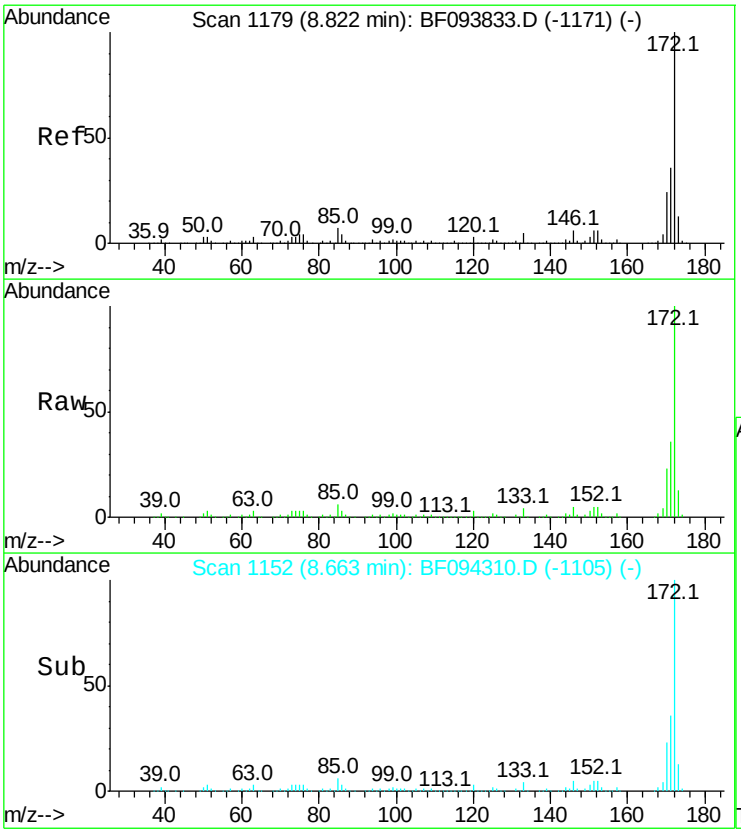
#41
2,4,6-Tribromophenol
Concen: 18.38 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Instrument :
BNA_F
ClientSampleId :
38DRE

Tgt Ion:330 Resp: 43250

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	41.2	31.4	47.2

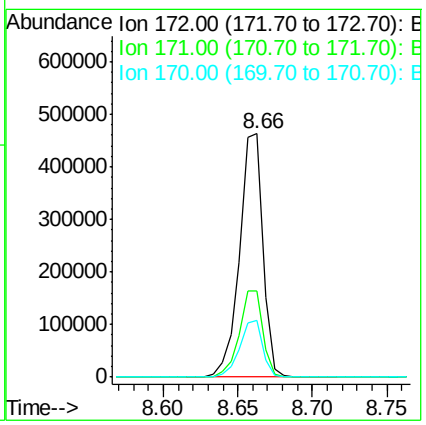


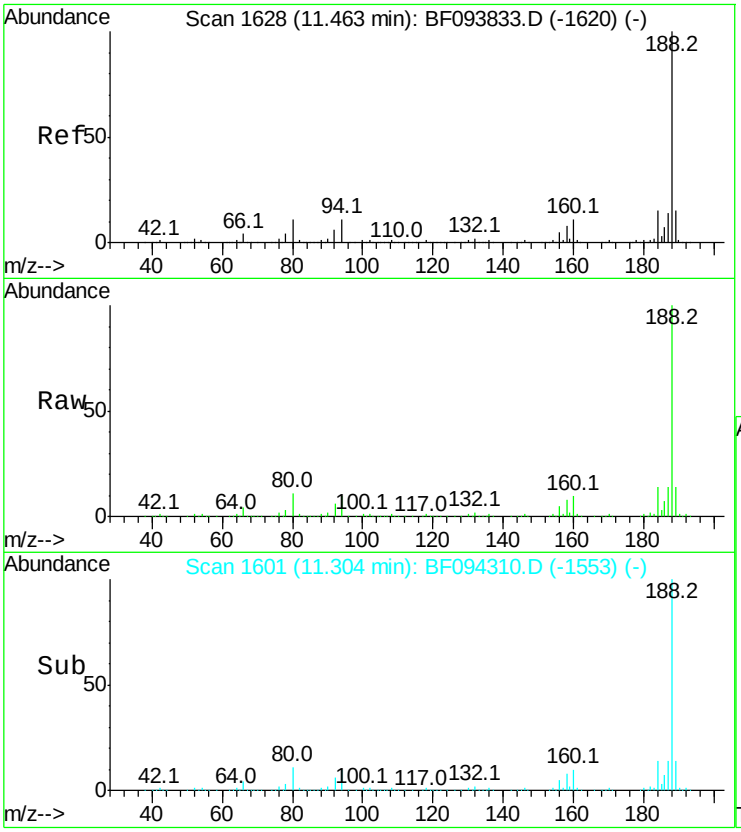


#44
2-Fluorobiphenyl
Concen: 25.68 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Tgt Ion:172 Resp: 501194

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8



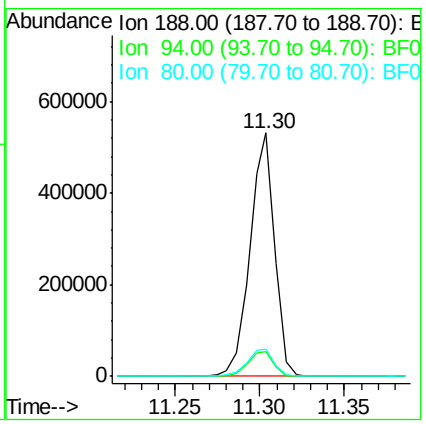


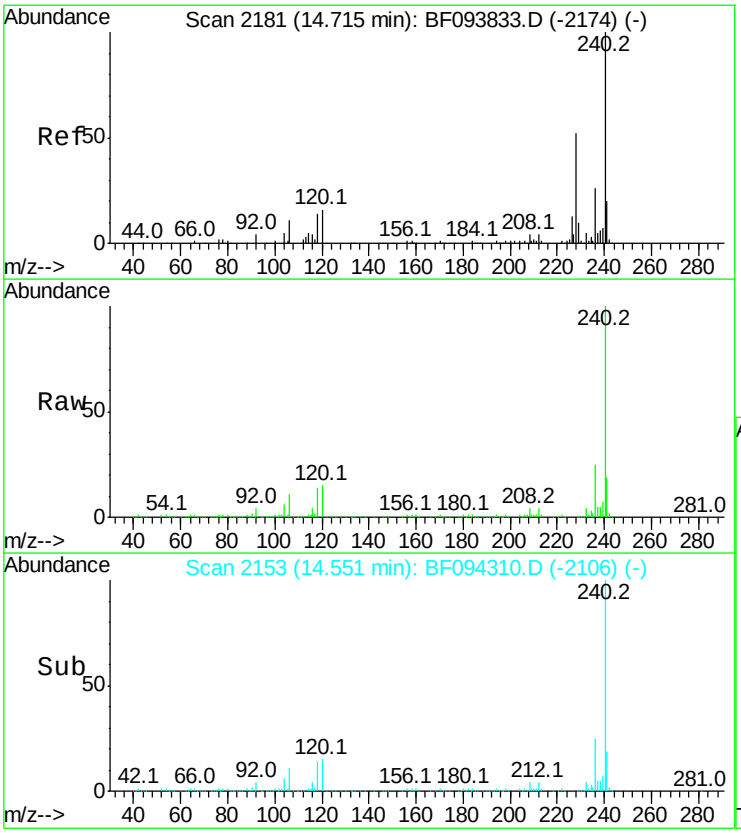
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Instrument :
BNA_F
ClientSampleId :
38DRE

Tgt Ion:188 Resp: 539315

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

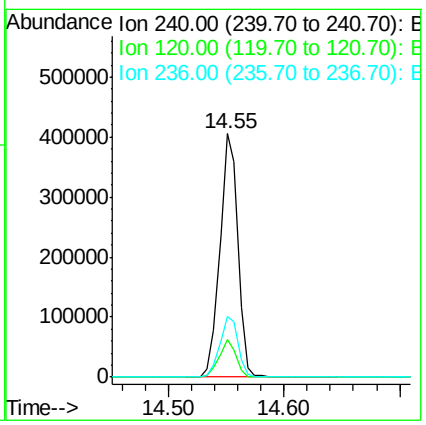


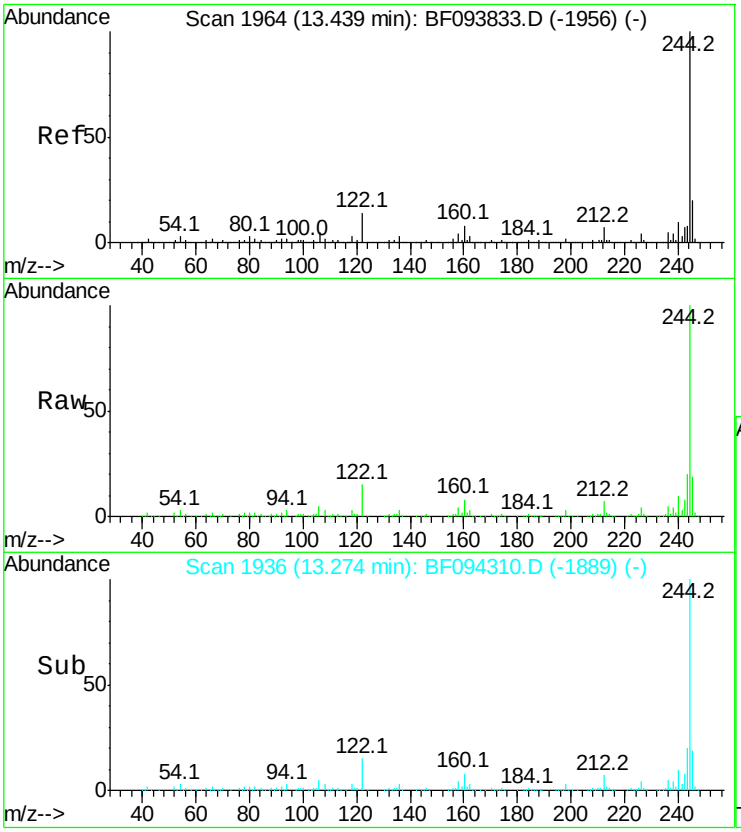


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Tgt Ion:240 Resp: 435495

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.1	20.5	30.7



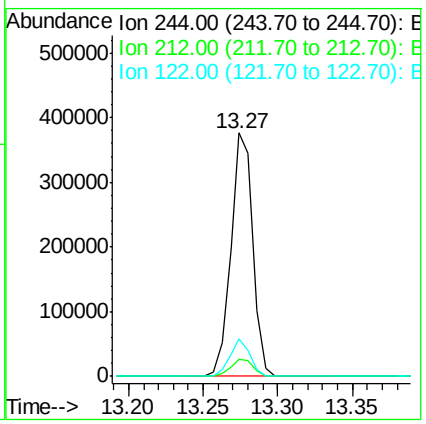


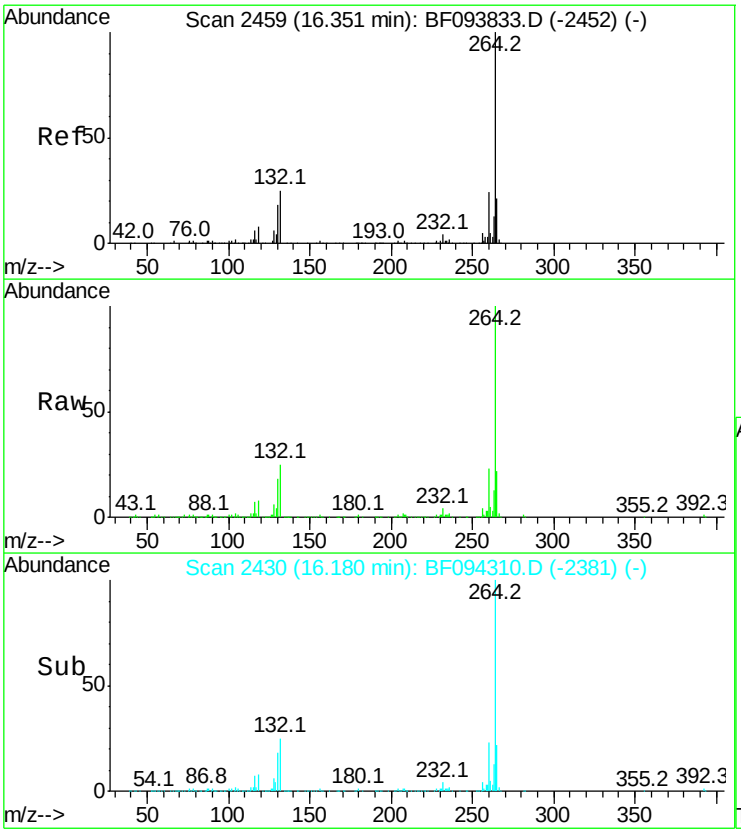
#78
Terphenyl-d14
Concen: 19.97 ng
RT: 13.27 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BF094310.D
Acq: 10 Apr 2017 14:48

Instrument :
BNA_F
ClientSampleId :
38DRE

Tgt Ion:244 Resp: 388059

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.2	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: BF094310.D
Acq: 10 Apr 2017 14:48

Tgt Ion:264 Resp: 285815

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.9	17.2	25.8