Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
Data File : BF094065.D
Acq On : 30 Mar 2017 18:36
Operator : SJ/MA
Sample : I2384-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B42-B51-001

Quant Time: Mar 31 03:33:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	191667	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	772875	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	371346	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	677748	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	529375	20.00	ng	-0.05
86) Perylene-d12	16.26	264	291491	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1389921	122.48	ng	0.00
7) Phenol-d6	5.53	99	1716832	122.30	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1181604	87.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	462950	157.76	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	2216573	91.04	ng	-0.04
78) Terphenyl-d14	13.37	244	1921669	81.37	ng	-0.04
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	6.11	146	86766	6.65	ng	95
31) Naphthalene	7.44	128	801641	21.57	ng	99
37) 2-Methylnaphthalene	8.28	142	183545	7.41	ng	98

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

Quantitation Report (QT Reviewed)

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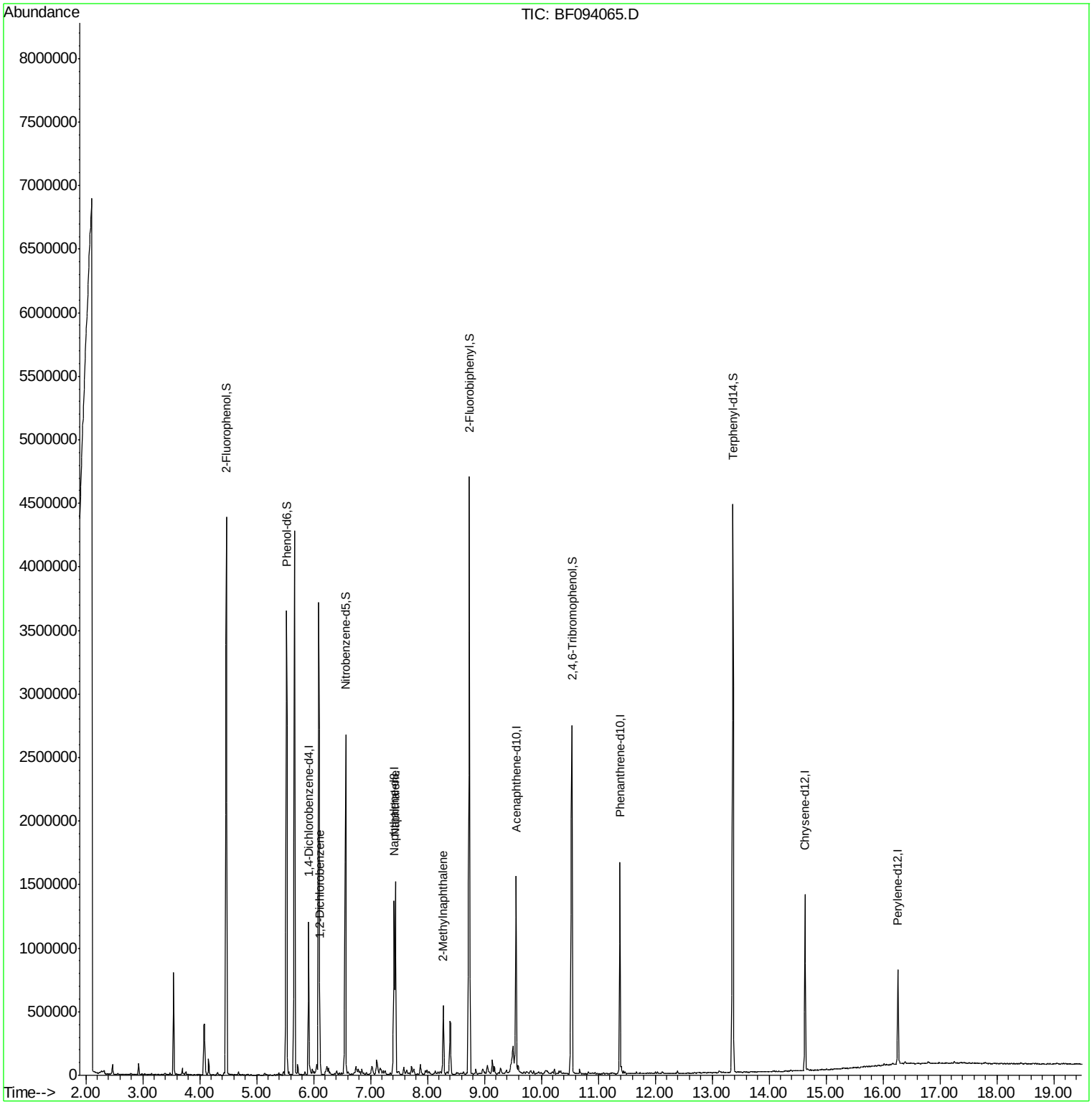
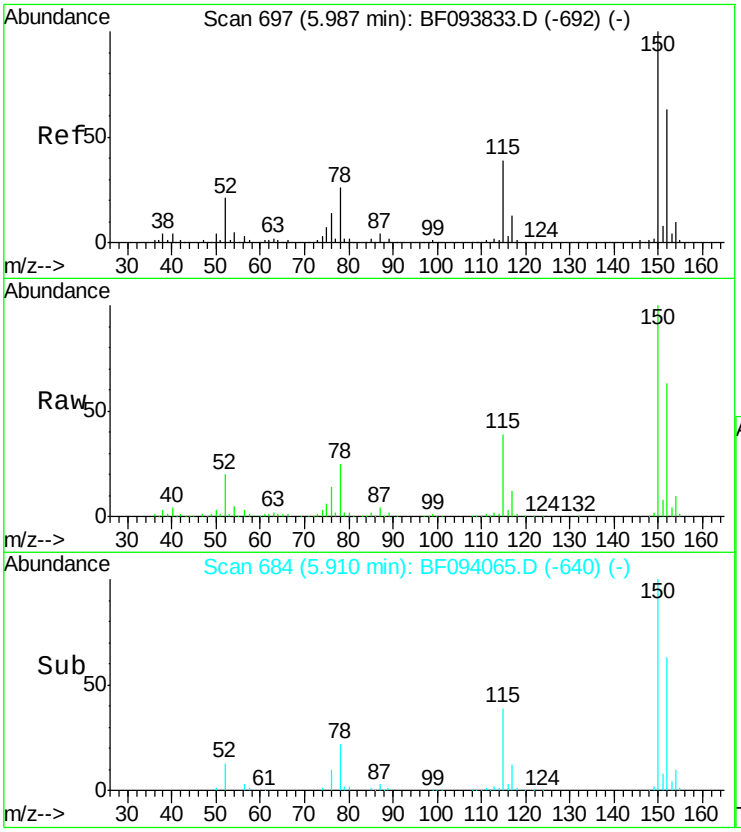


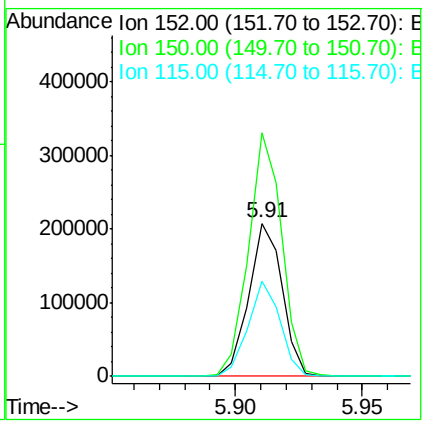


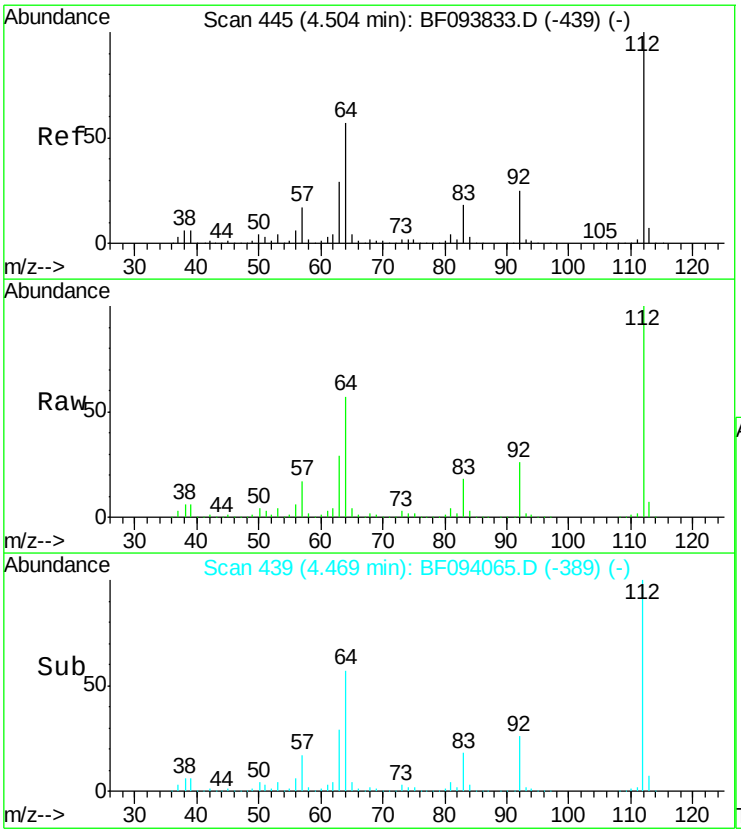
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.91 min Scan# 684
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:152 Resp: 191667

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	62.0	52.2	78.2

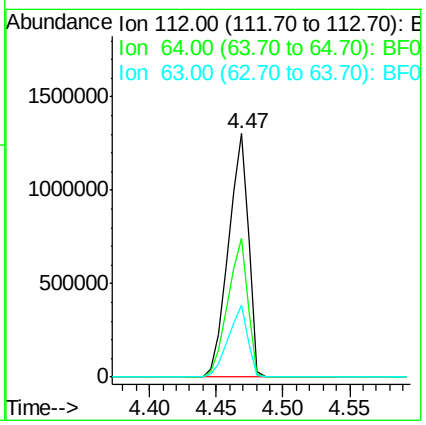


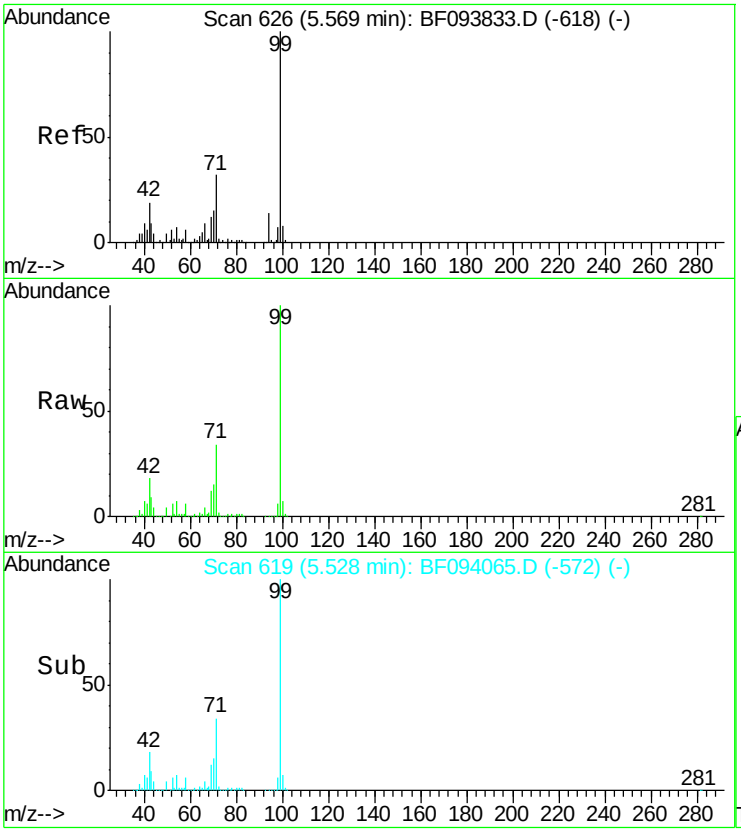


#5
2-Fluorophenol
Concen: 122.48 ng
RT: 4.47 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Tgt Ion:112 Resp: 1389921

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	29.4	23.4	35.0



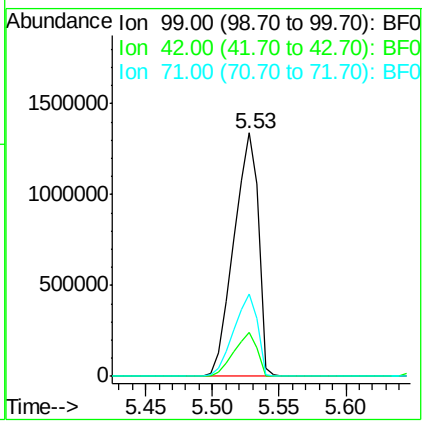


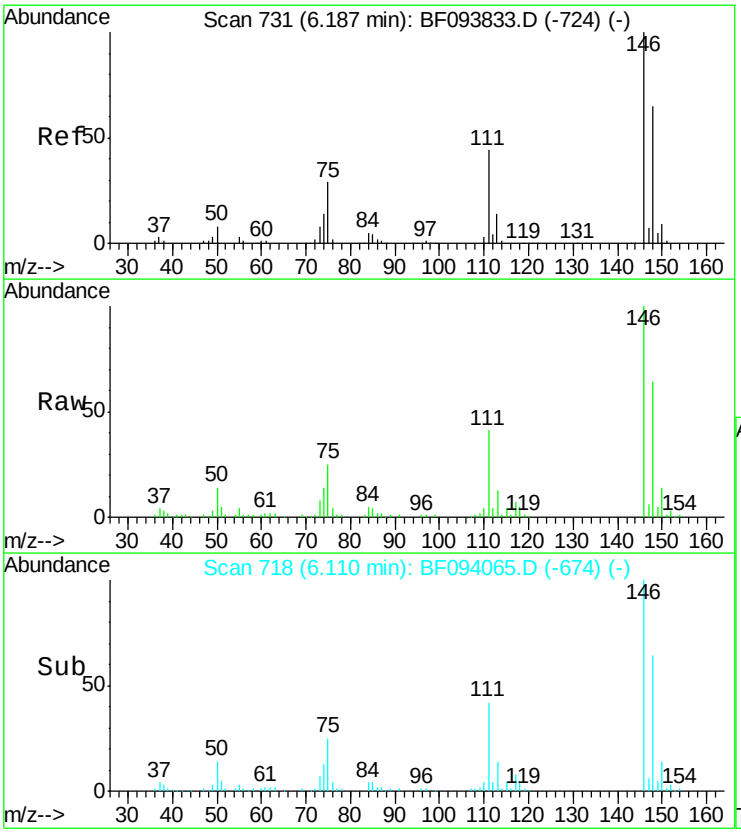
#7
Phenol-d6
Concen: 122.30 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion: 99 Resp: 1716832

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	33.9	24.5	36.7

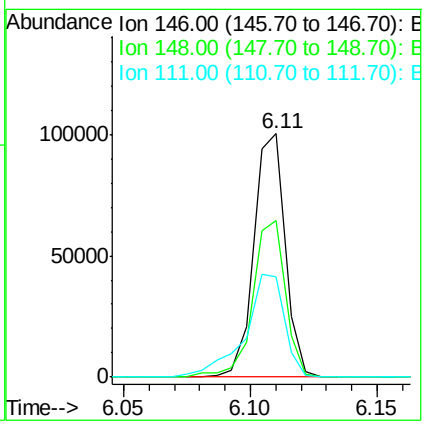


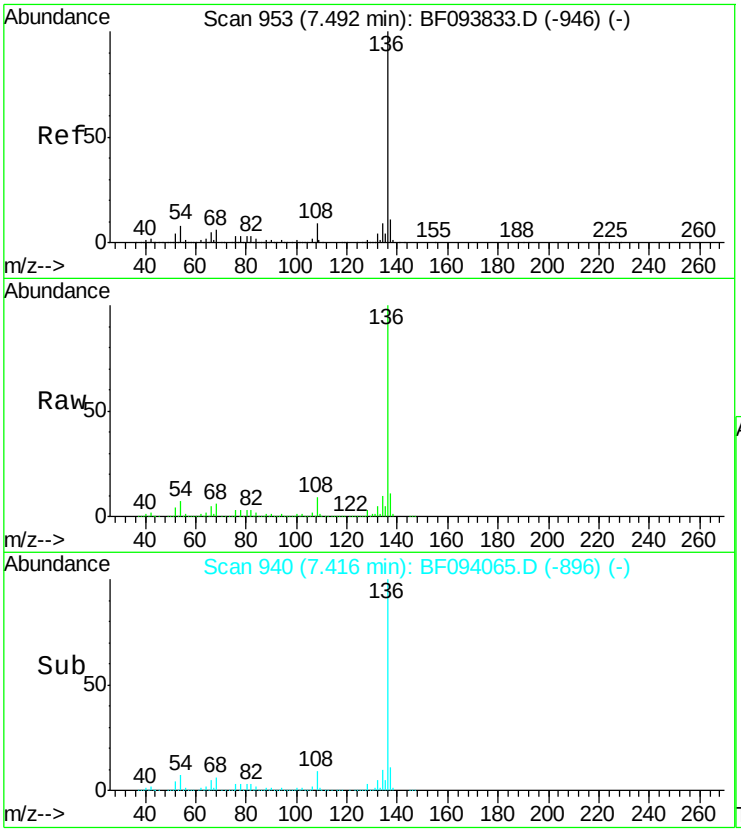


#14
1,2-Dichlorobenzene
Concen: 6.65 ng
RT: 6.11 min Scan# 718
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Tgt Ion:146 Resp: 86766

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	41.4	38.2	57.4



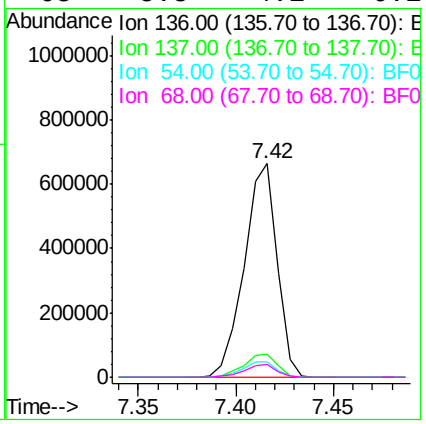


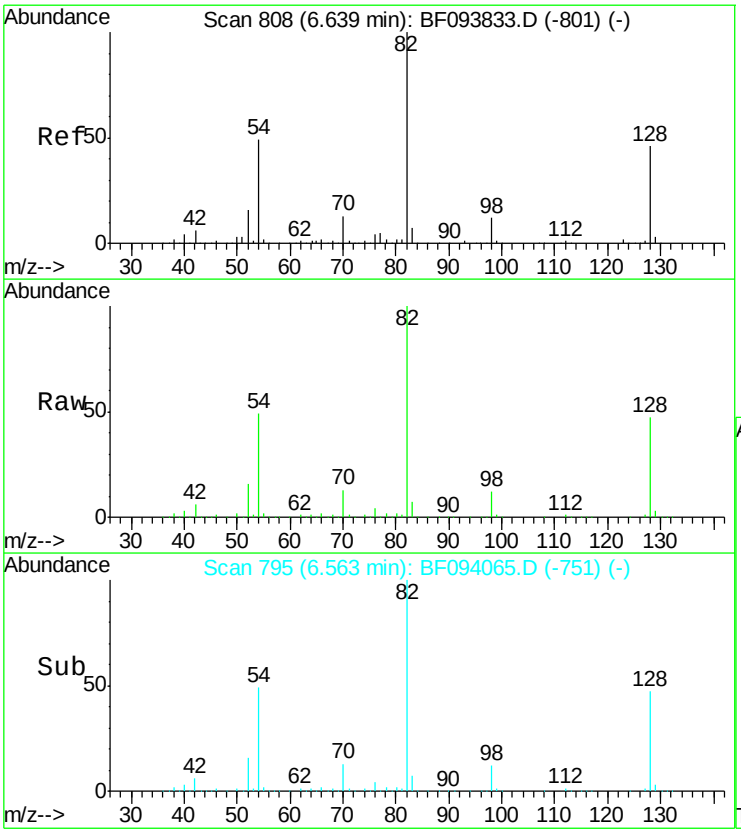
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:136 Resp: 772875

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	5.8	4.1	6.1

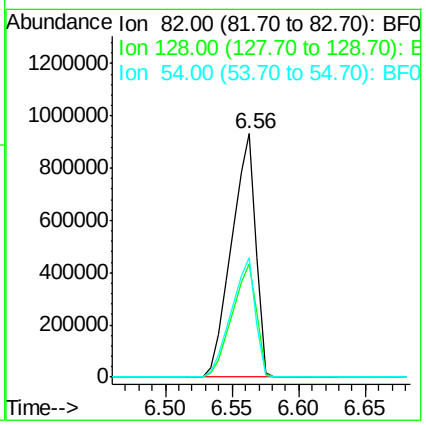


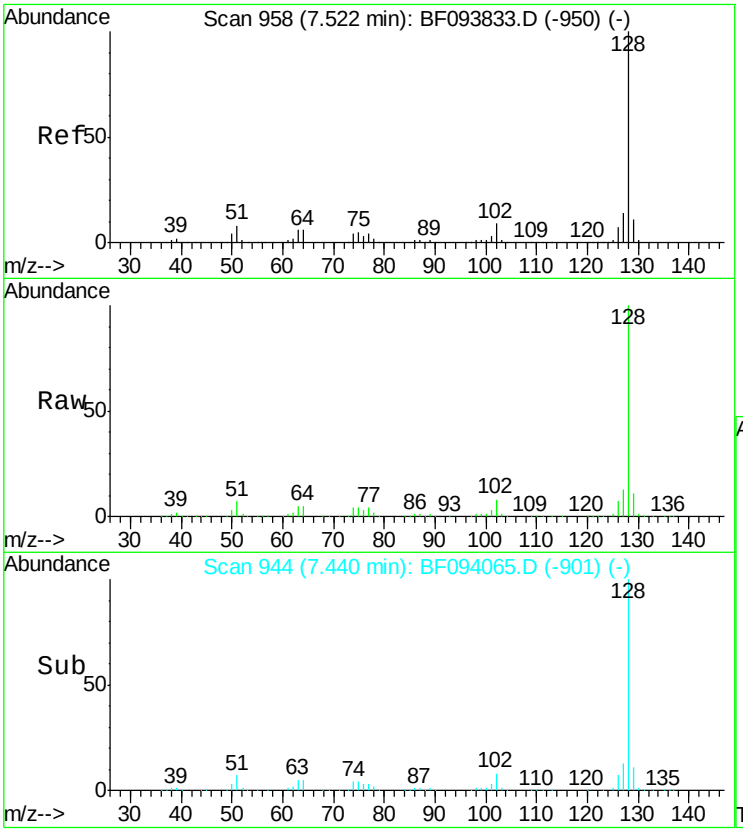


#23
Nitrobenzene-d5
Concen: 87.25 ng
RT: 6.56 min Scan# 795
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Tgt Ion: 82 Resp: 1181604

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	49.0	42.2	63.2



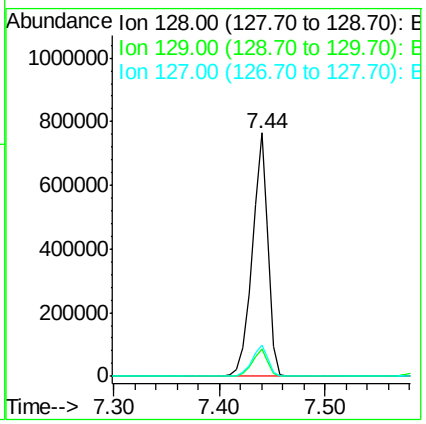


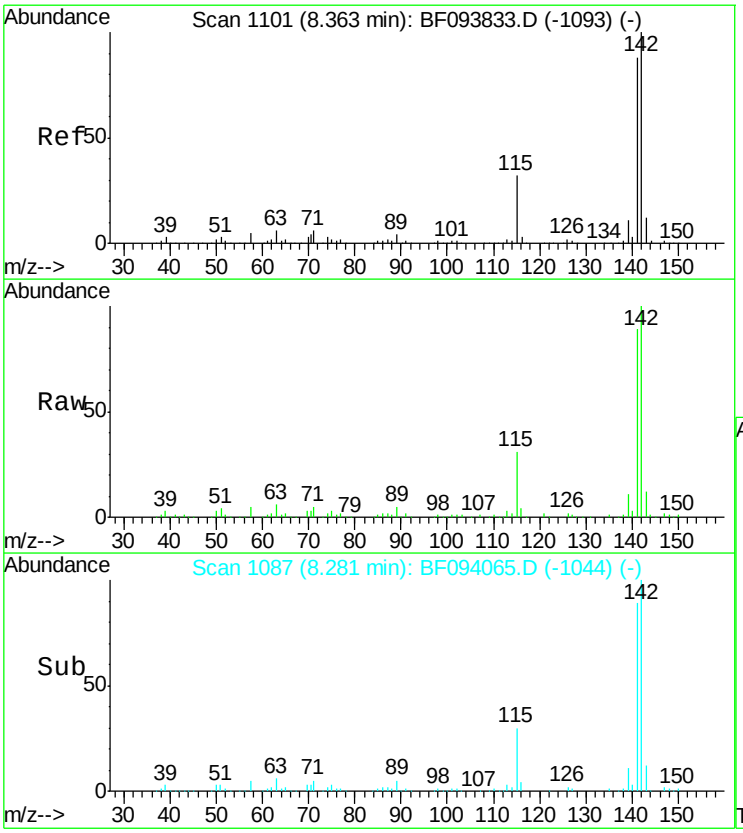
#31
Naphthalene
Concen: 21.57 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.05 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:128 Resp: 801641

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.0	10.8	16.2

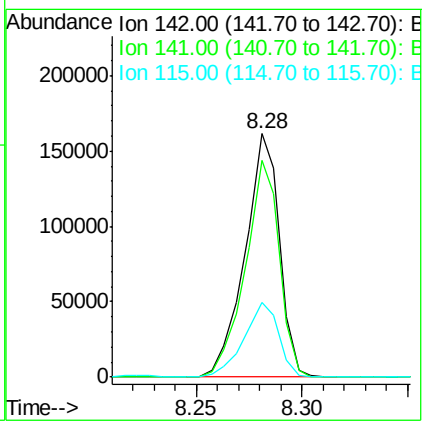


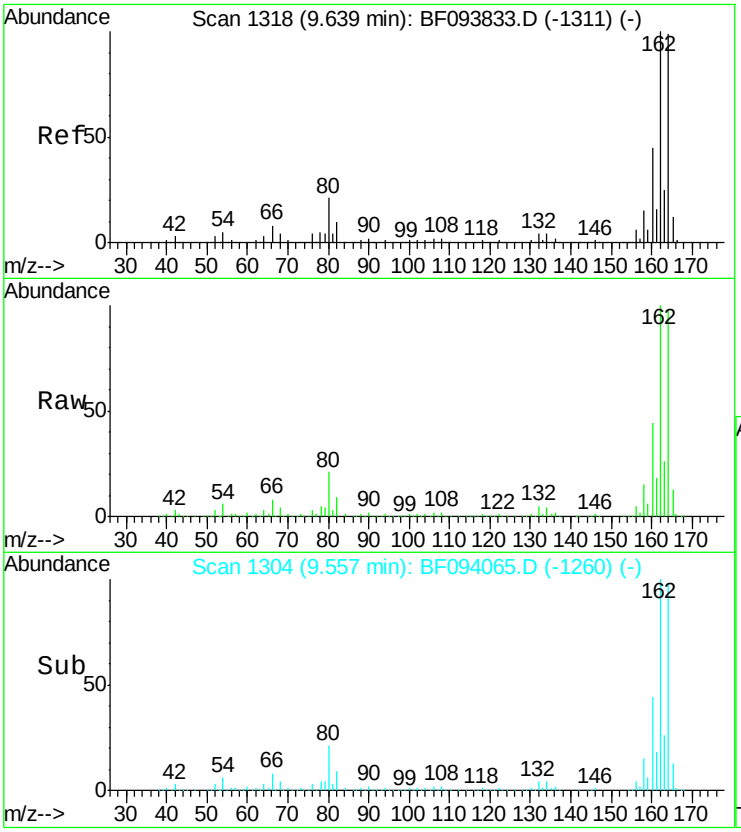


#37
2-Methylnaphthalene
Concen: 7.41 ng
RT: 8.28 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Tgt Ion:142 Resp: 183545

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	30.9	27.1	40.7



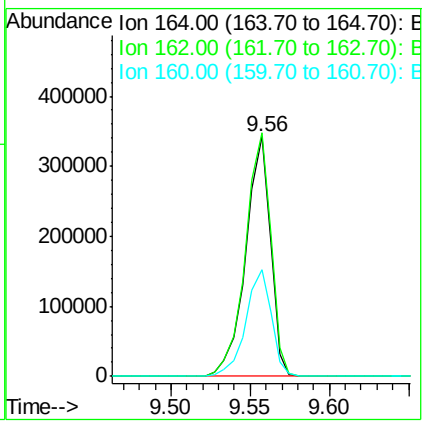


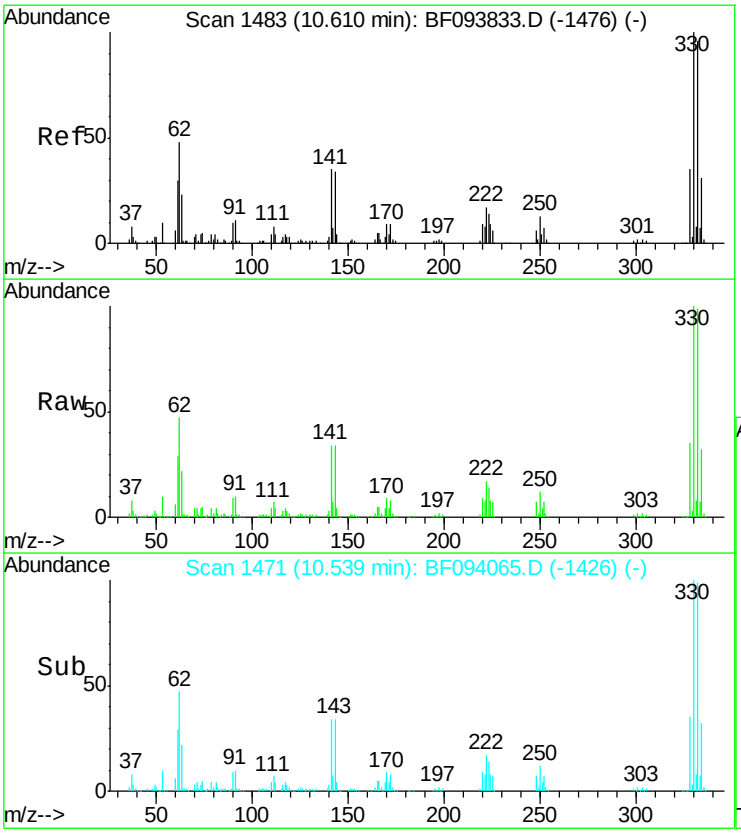
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1304
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:164 Resp: 371346

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	44.7	36.2	54.2

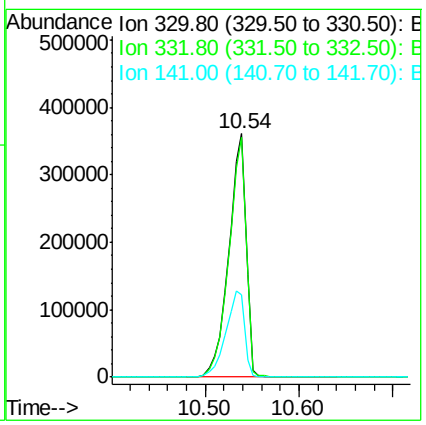


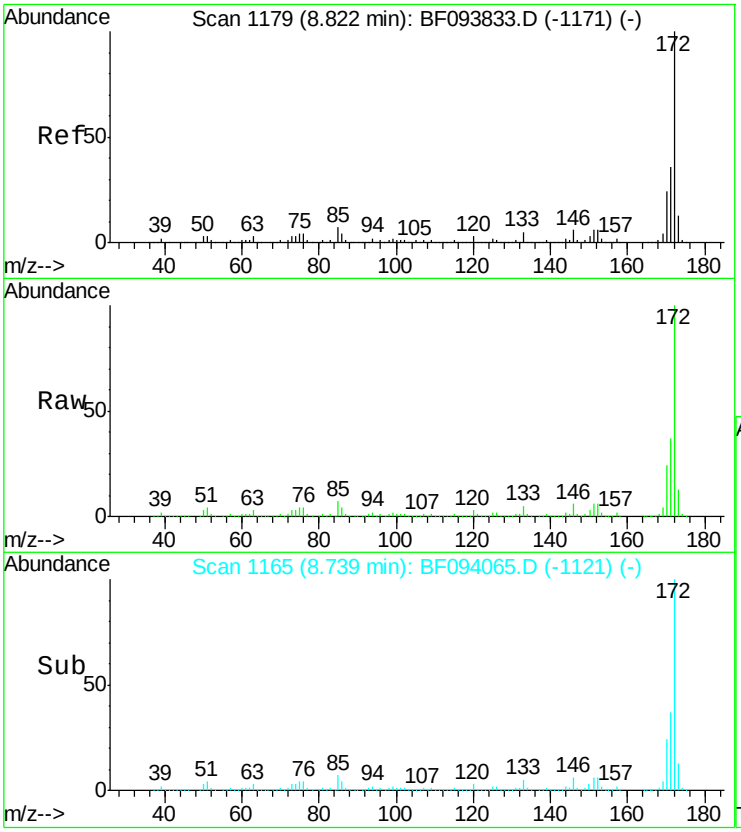


#41
2,4,6-Tribromophenol
Concen: 157.76 ng
RT: 10.54 min Scan# 1471
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Tgt Ion:330 Resp: 462950

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	38.0	31.4	47.2



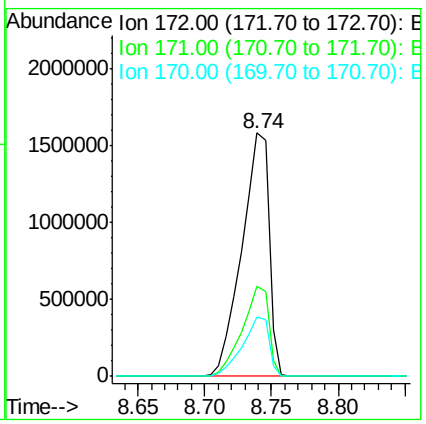


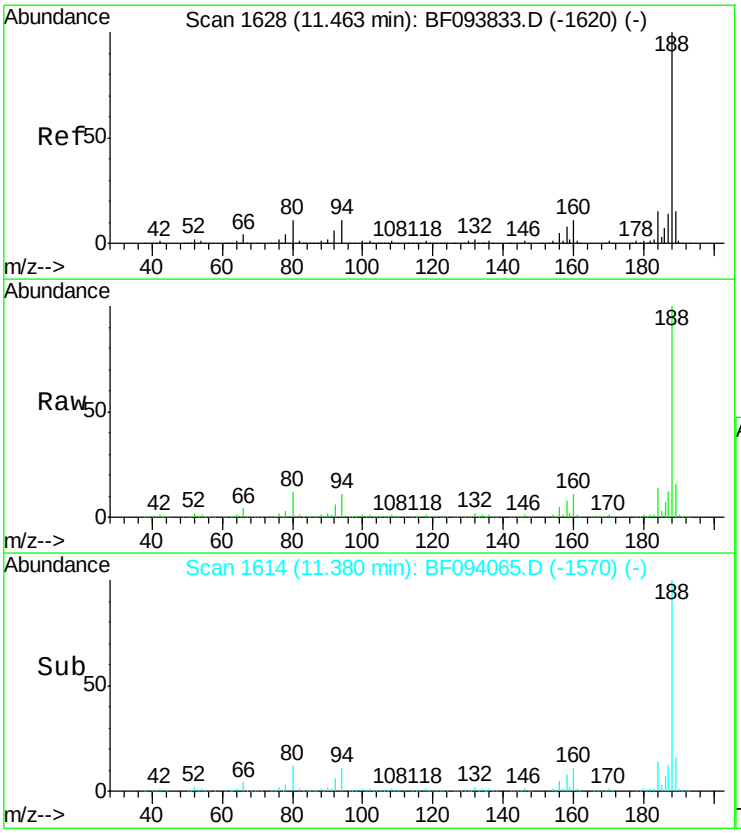
#44
2-Fluorobiphenyl
Concen: 91.04 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:172 Resp: 2216573

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.3	19.8	29.8

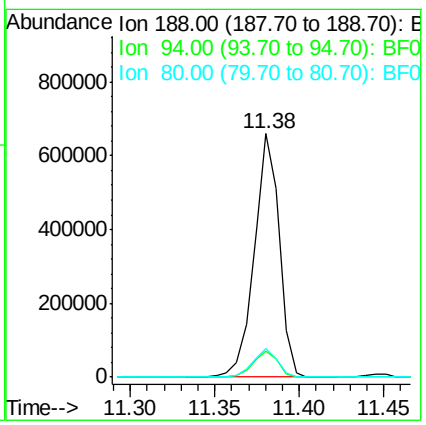


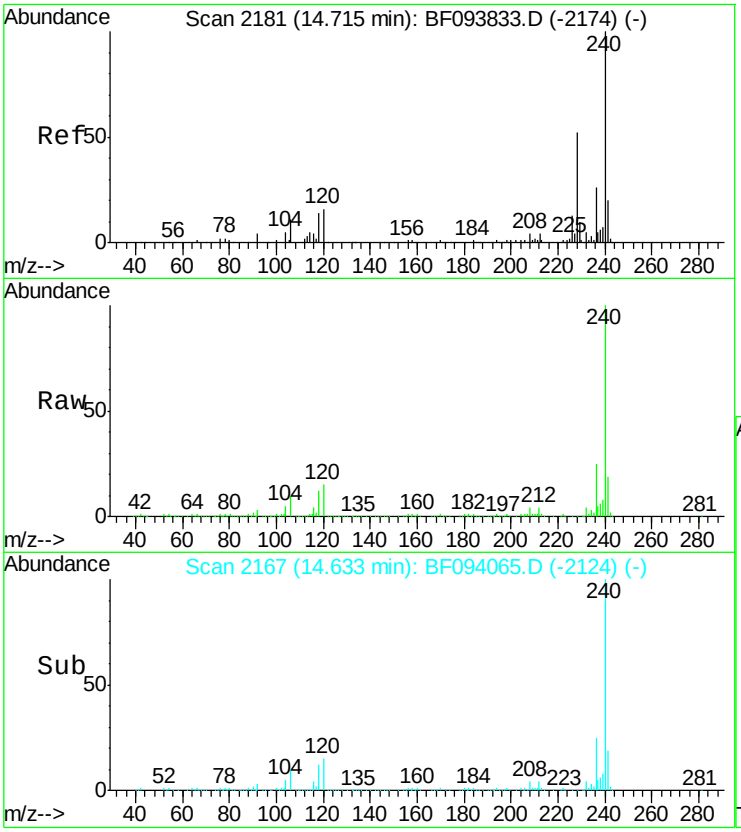


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Tgt Ion:188 Resp: 677748

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.7	10.2	15.2



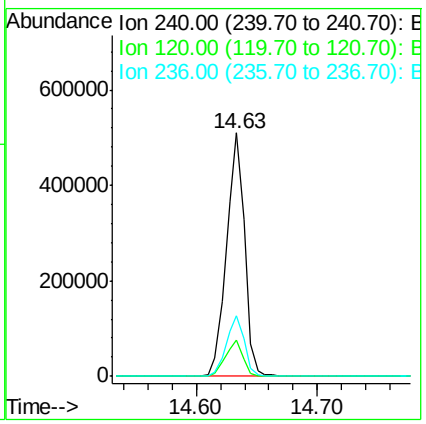


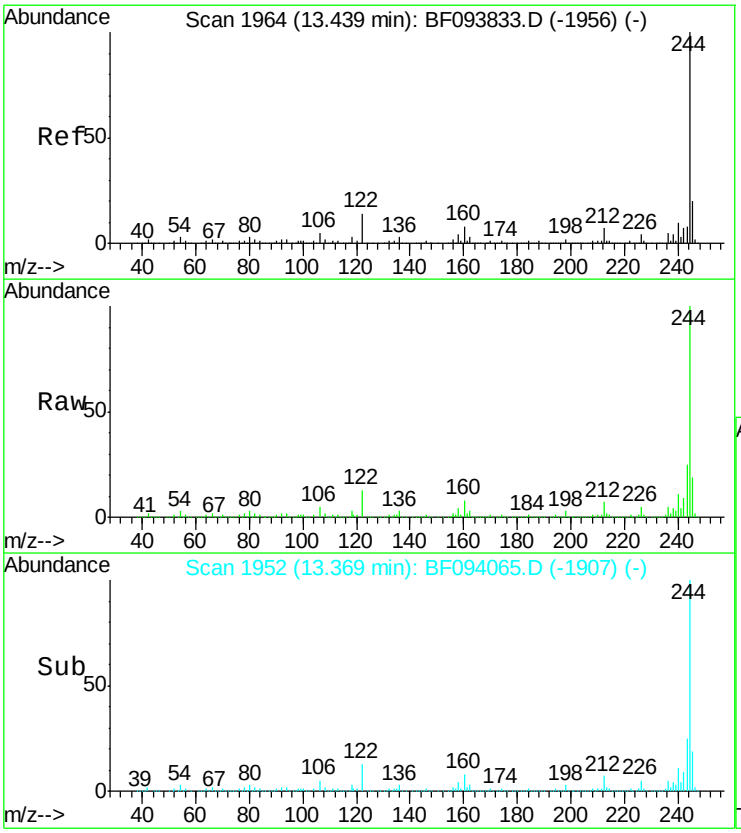
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:240 Resp: 529375

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.0	20.5	30.7

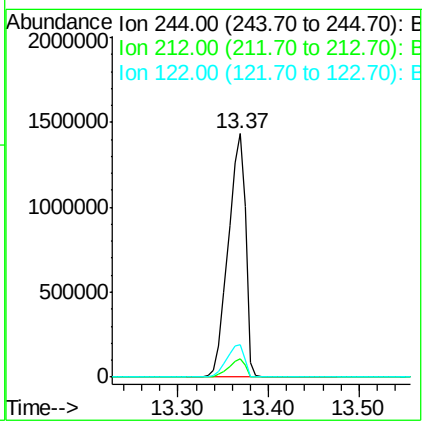


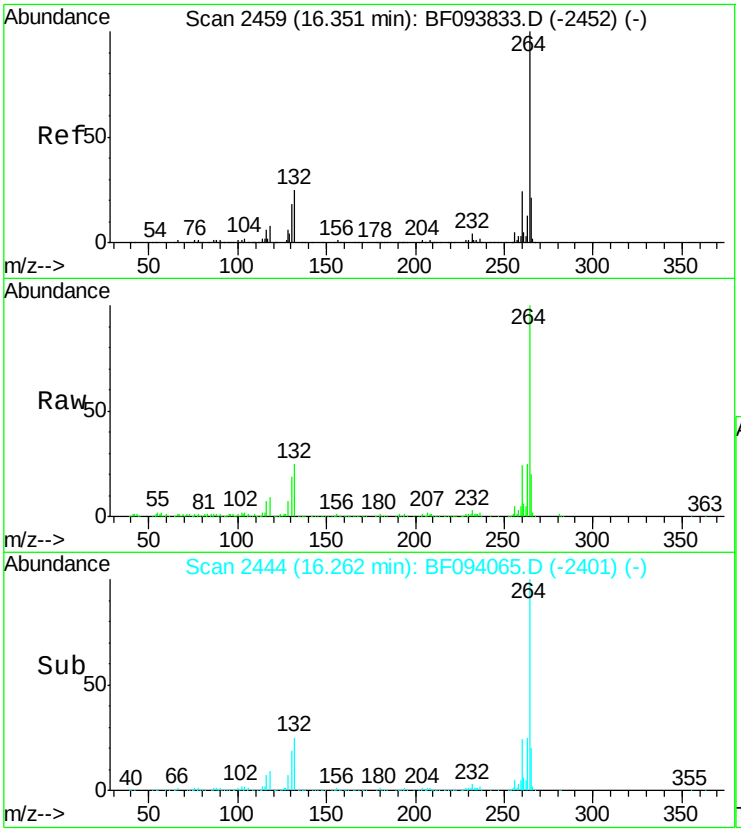


#78
Terphenyl-d14
Concen: 81.37 ng
RT: 13.37 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Tgt Ion:244 Resp: 1921669

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2444
Delta R.T. -0.05 min
Lab File: BF094065.D
Acq: 30 Mar 2017 18:36

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:264 Resp: 291491

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.5	17.2	25.8