Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093116.D
Acq On : 23 Feb 2017 20:45
Operator : SJ/MA
Sample : I1954-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(10-15)

Quant Time: Feb 24 00:23:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158954	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	611629	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	292568	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	570801	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	509056	20.00	ng	-0.02
86) Perylene-d12	15.41	264	385047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1095093	118.20	ng	-0.01
7) Phenol-d6	6.48	99	1225429	102.79	ng	-0.01
23) Nitrobenzene-d5	7.41	82	868653	79.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	302308	142.87	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1478350	91.54	ng	-0.01
78) Terphenyl-d14	12.95	244	1271131	58.67	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.49	94	59689	4.28	ng	84
49) Dimethylphthalate	9.60	163	120396	6.11	ng	100

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

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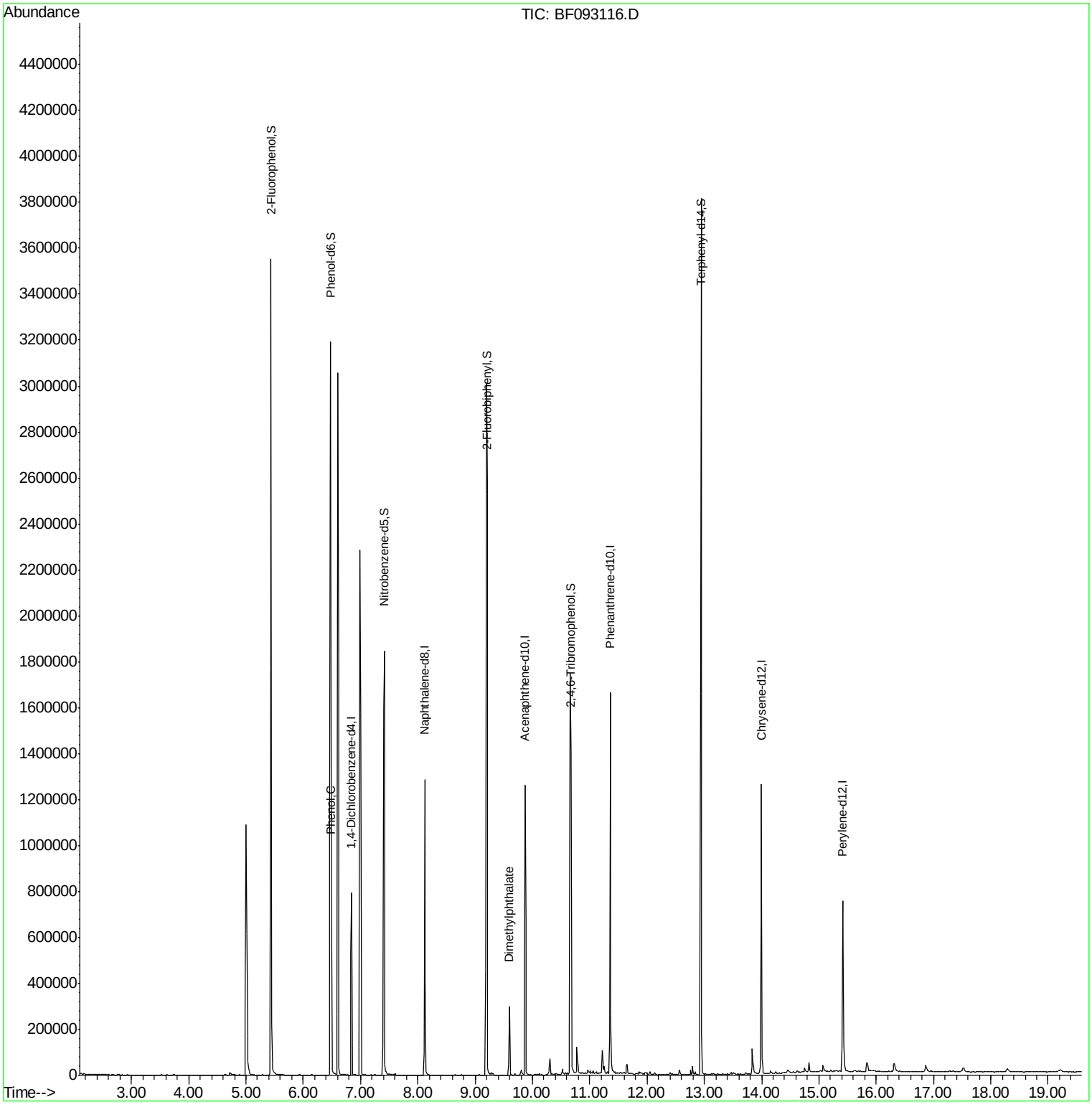
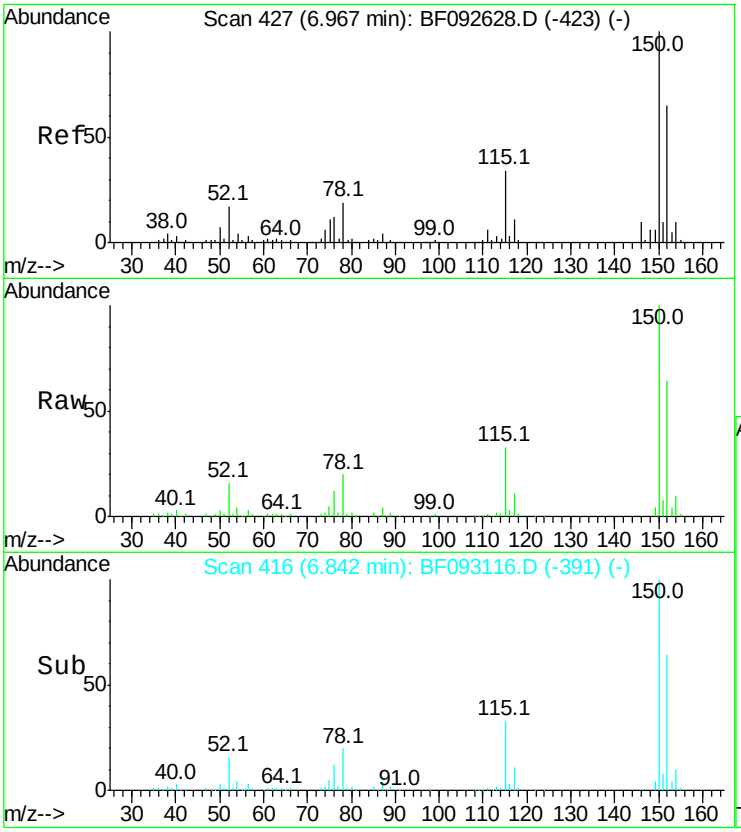


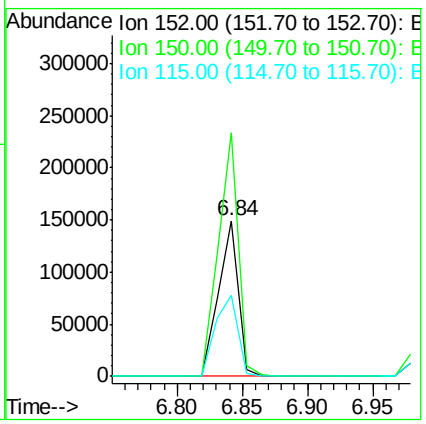


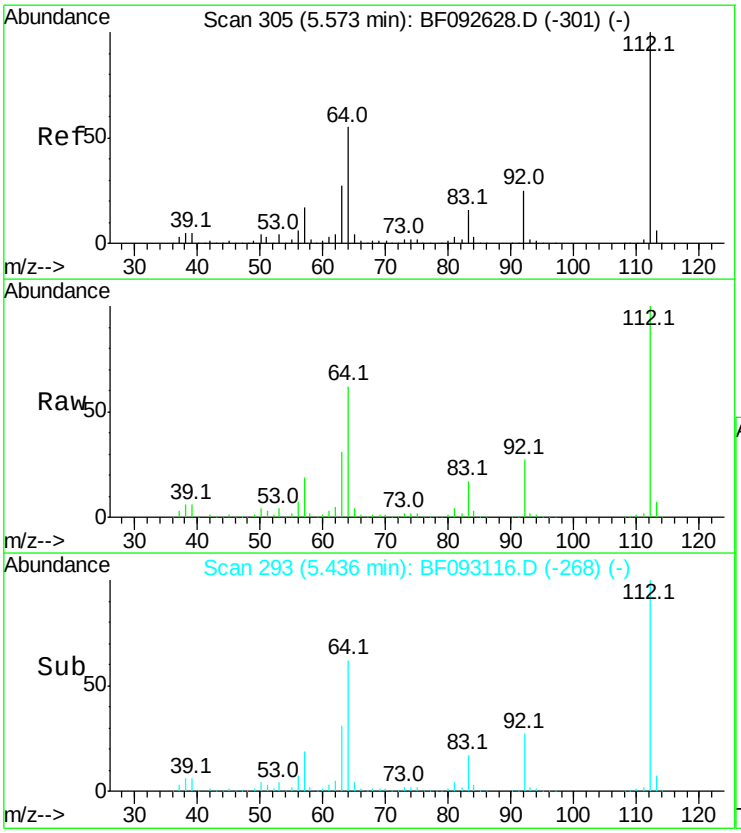
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion:152 Resp: 158954

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	52.3	46.0	69.0

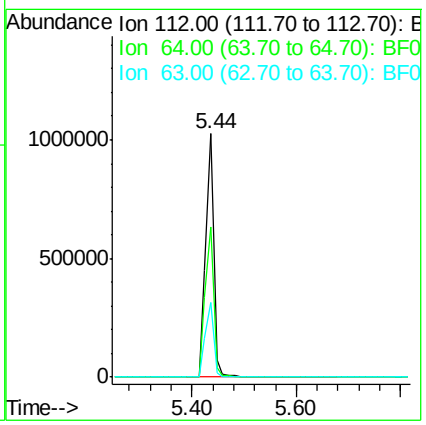


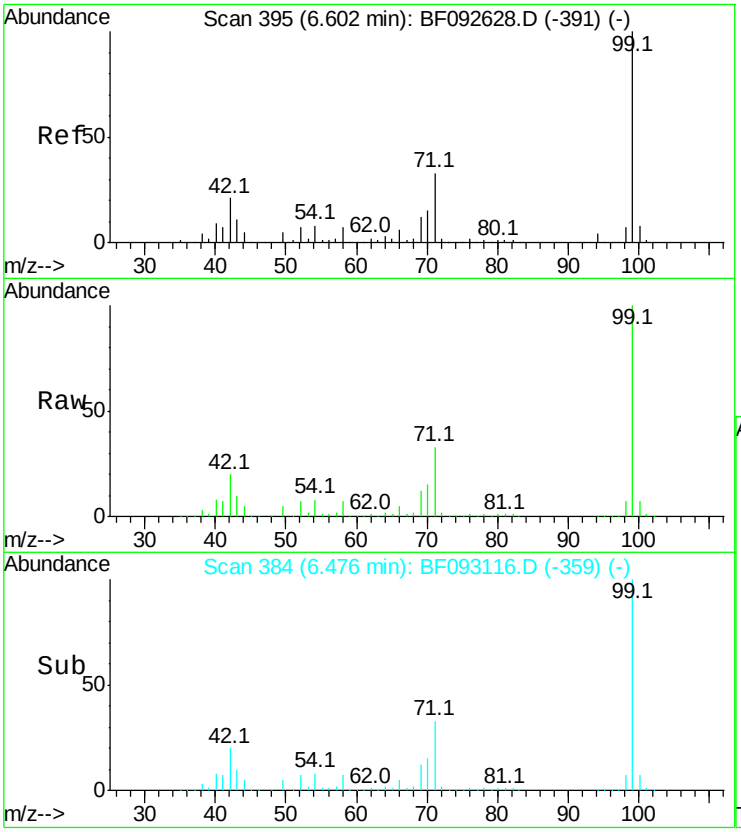


#5
2-Fluorophenol
Concen: 118.20 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion:112 Resp: 1095093

Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.1	69.1
63	30.5	23.8	35.6



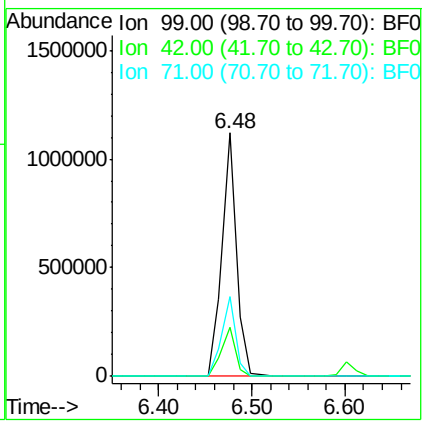


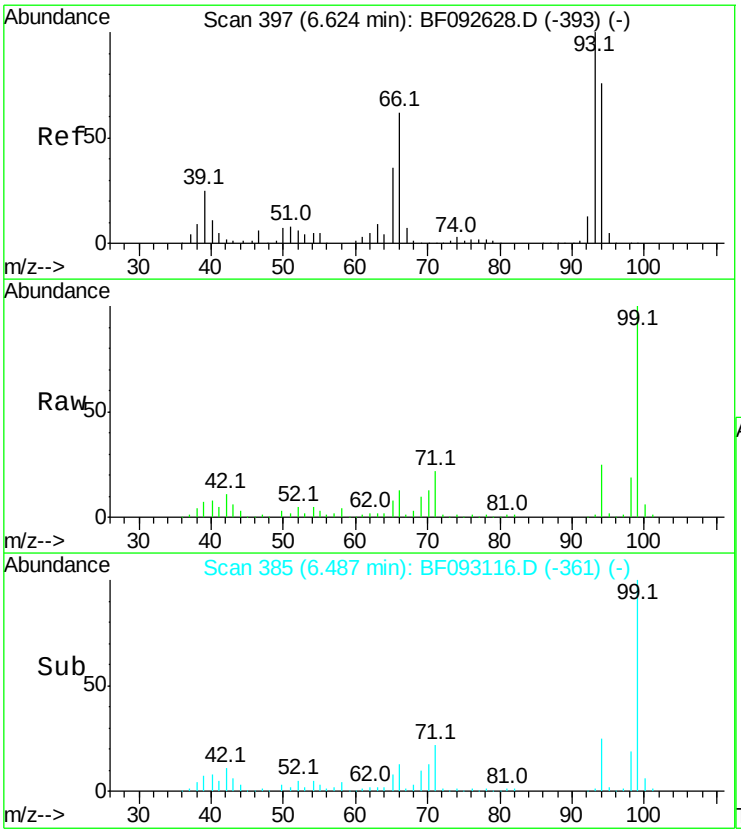
#7
Phenol-d6
Concen: 102.79 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion: 99 Resp: 1225429

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	32.8	27.5	41.3

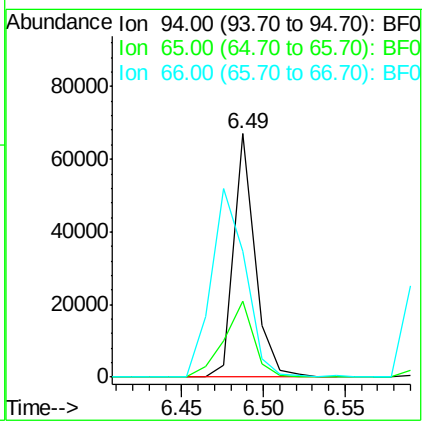


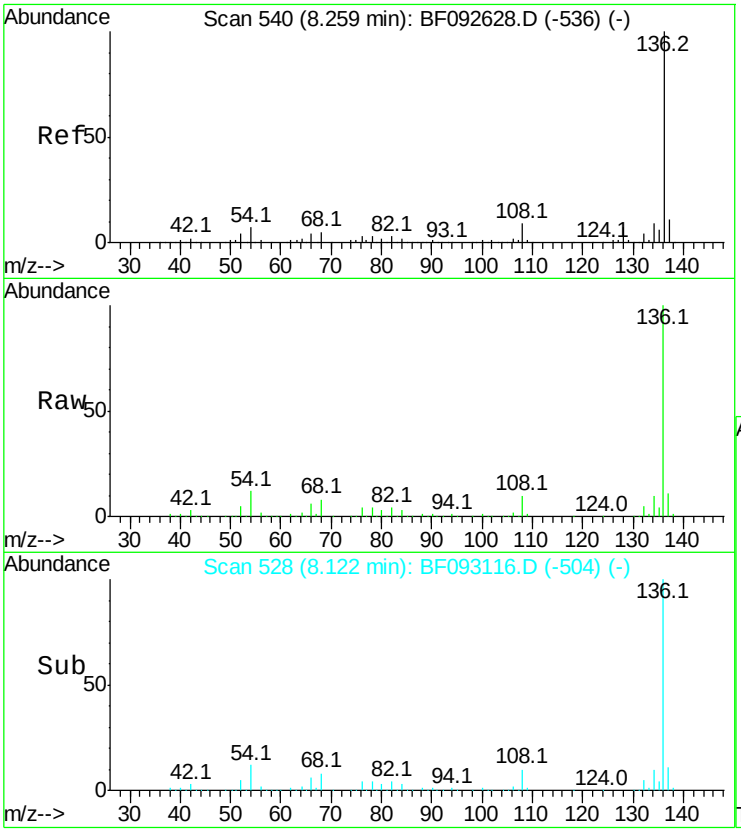


#10
Phenol
Concen: 4.28 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion: 94 Resp: 59689

Ion	Ratio	Lower	Upper
94	100		
65	31.2	21.4	61.4
66	51.7	44.0	84.0



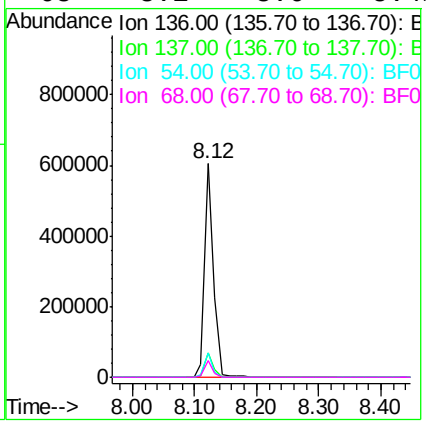


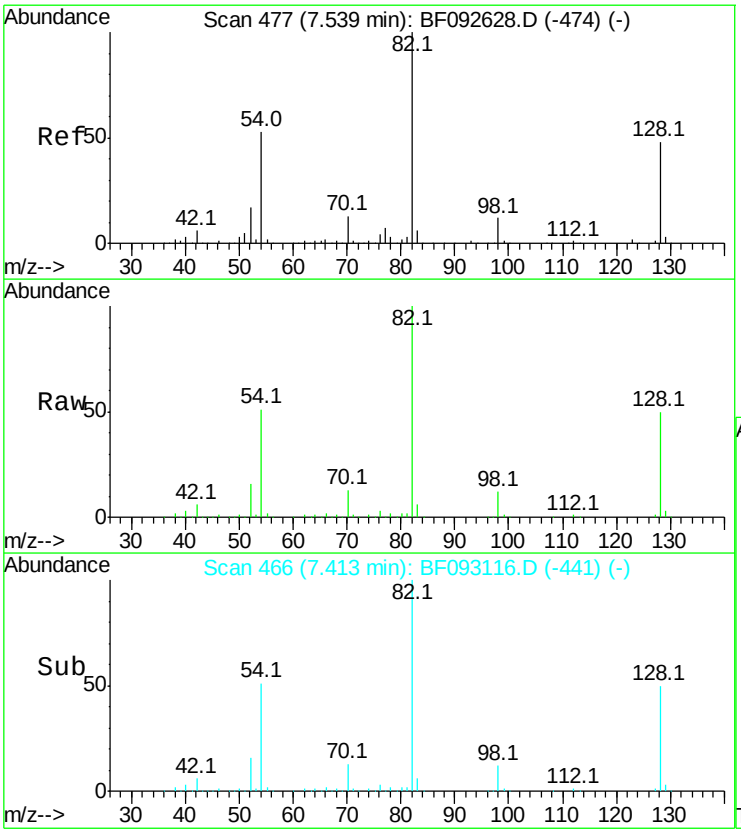
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion:136 Resp: 611629

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.5	4.5	6.7#
68	8.1	3.6	5.4#

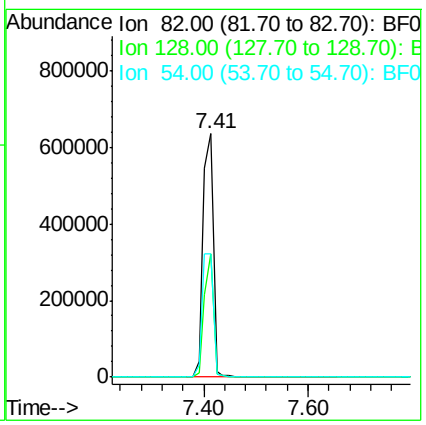


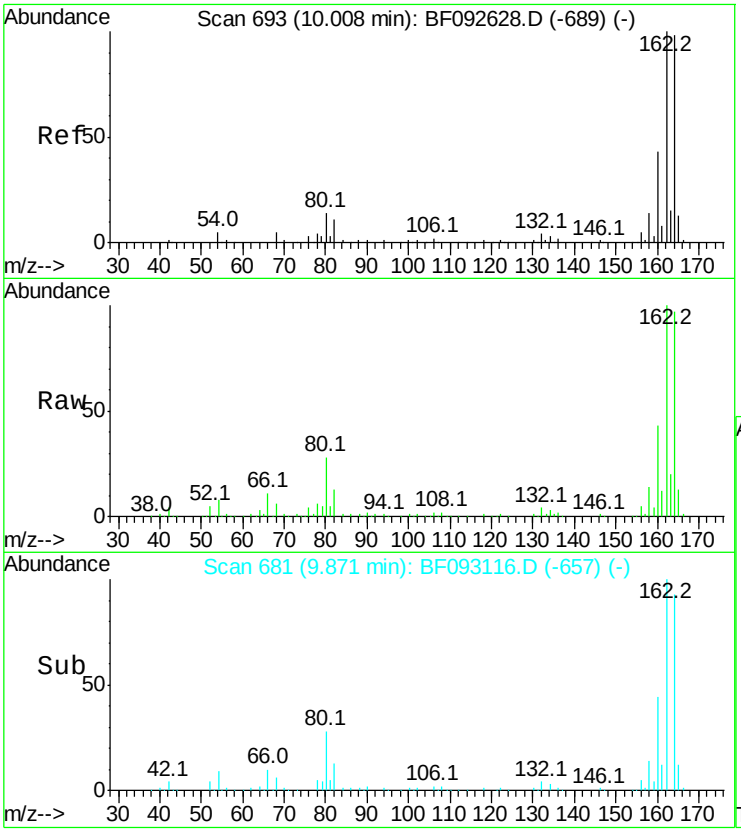


#23
Nitrobenzene-d5
Concen: 79.09 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion: 82 Resp: 868653

Ion	Ratio	Lower	Upper
82	100		
128	50.4	34.6	52.0
54	50.6	39.5	59.3



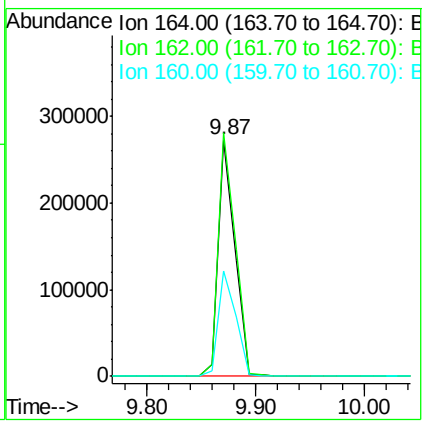


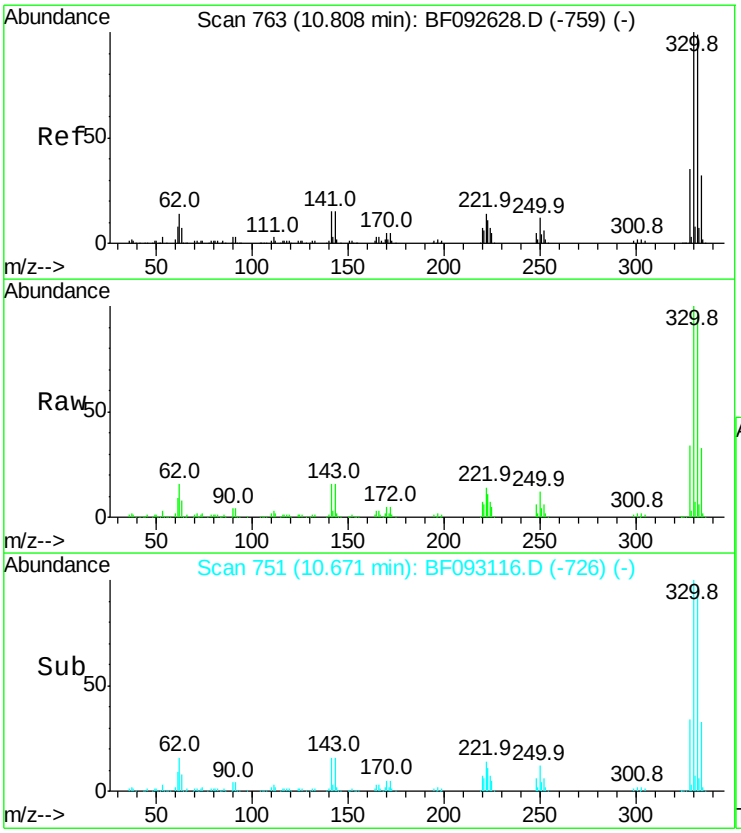
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion:164 Resp: 292568

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	44.7	36.9	55.3

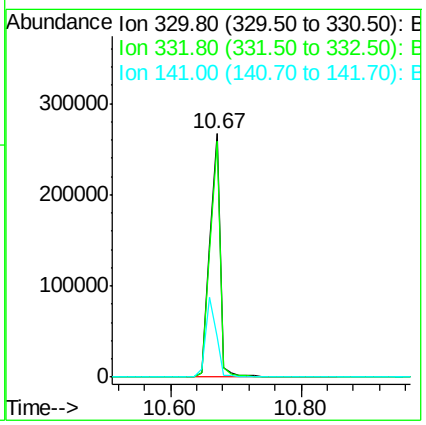


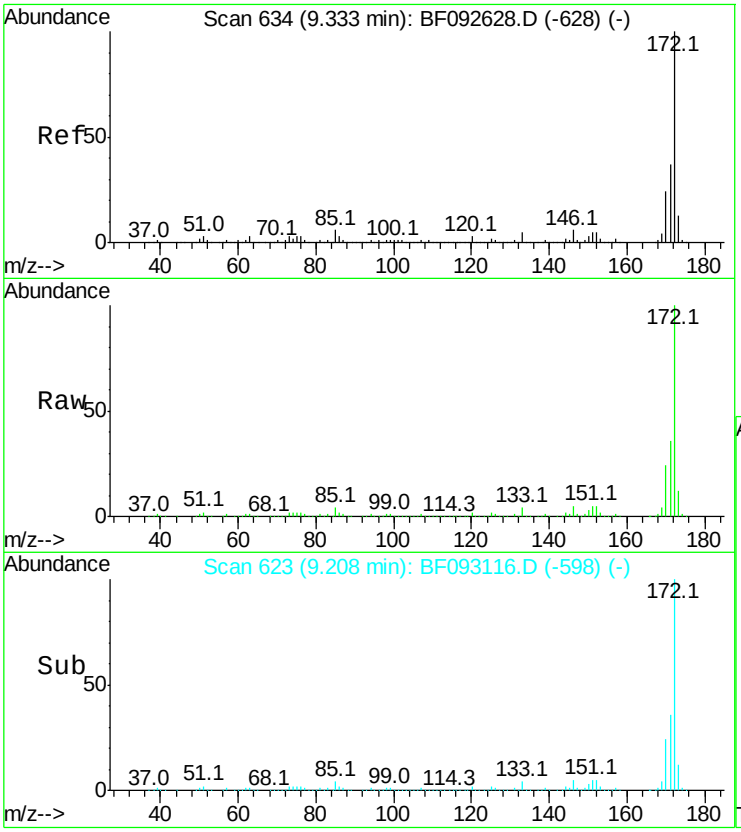


#41
2,4,6-Tribromophenol
Concen: 142.87 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion:330 Resp: 302308

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	33.1	34.1	51.1#



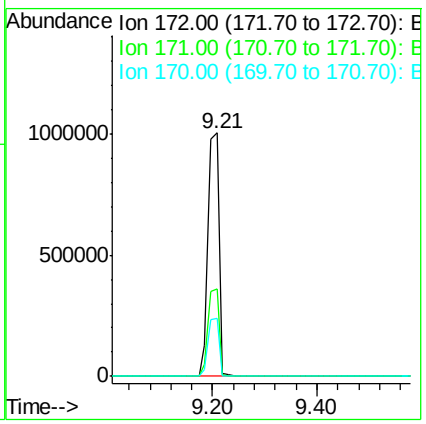


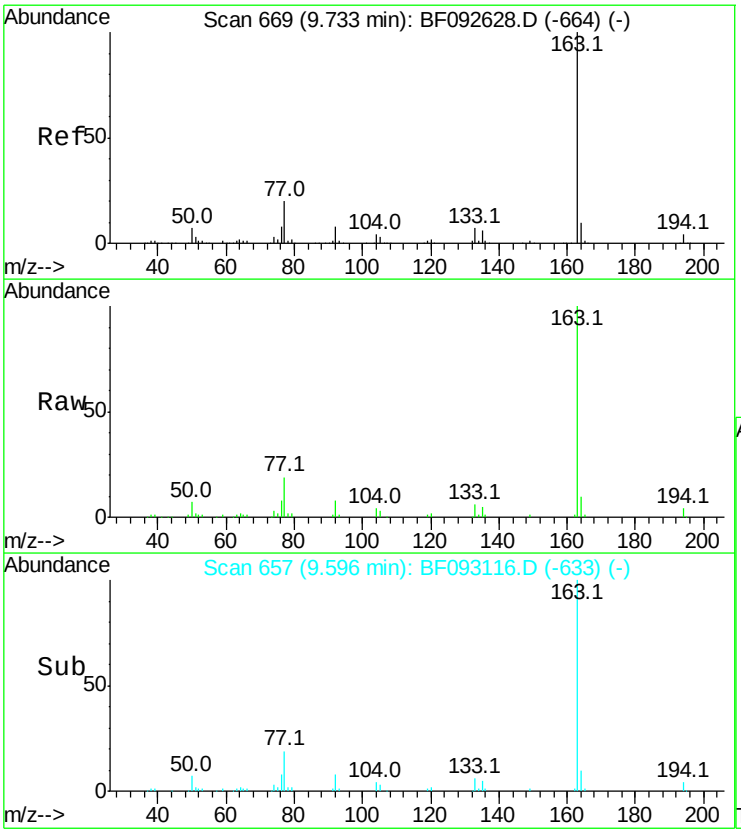
#44
2-Fluorobiphenyl
Concen: 91.54 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion:172 Resp: 1478350

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.0	20.2	30.4

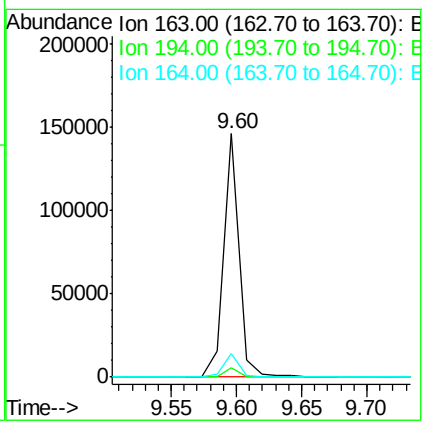


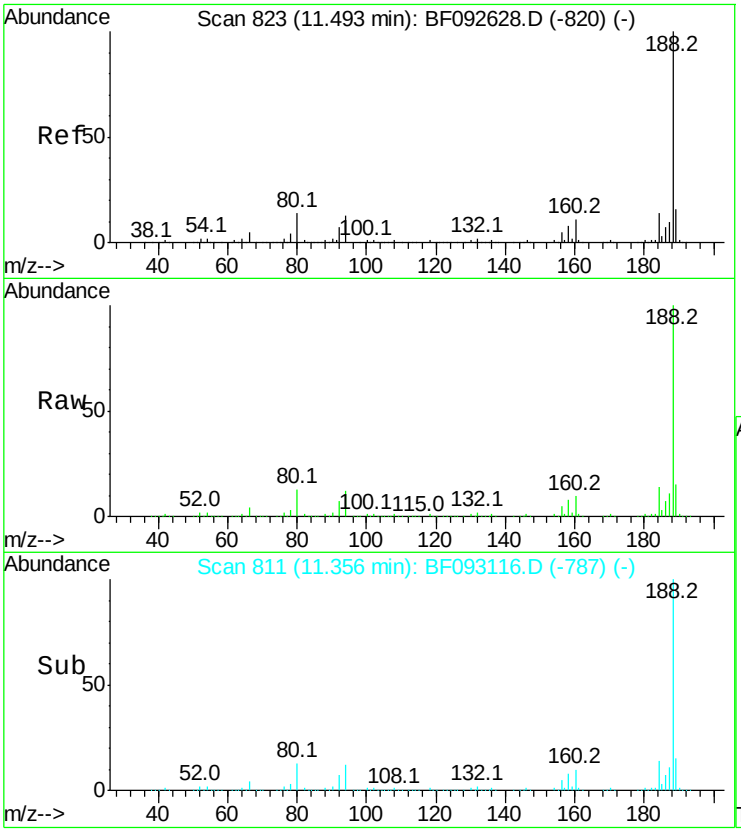


#49
Dimethylphthalate
Concen: 6.11 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion:163 Resp: 120396

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.0	12.0



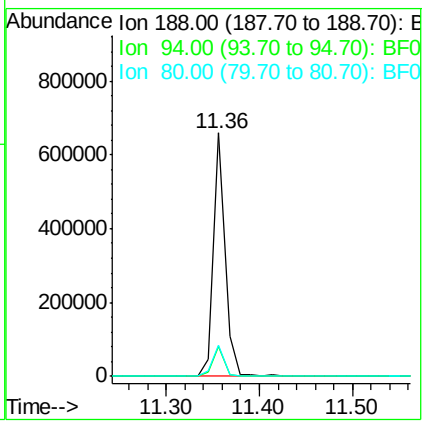


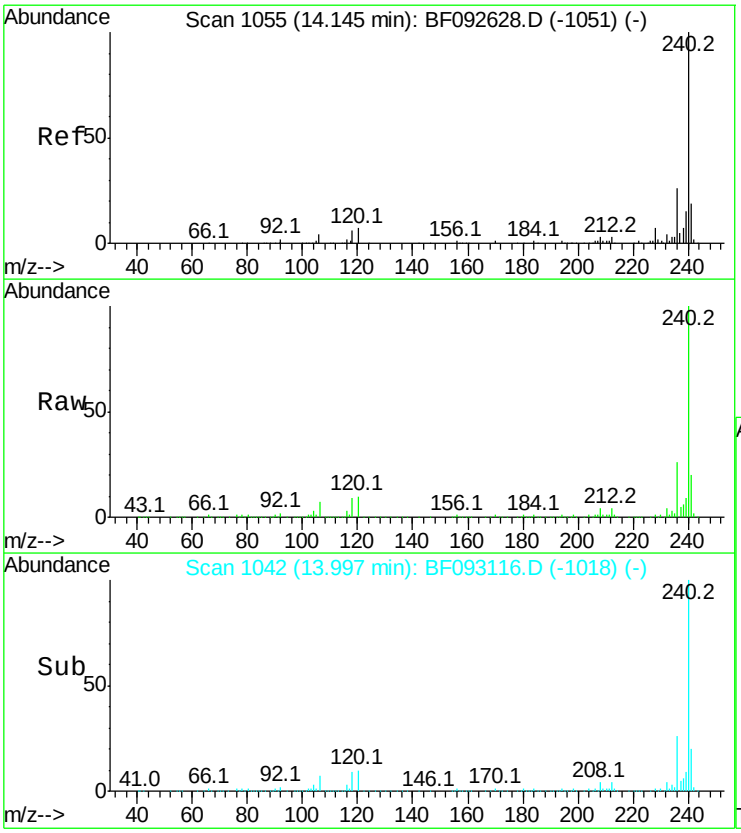
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion:188 Resp: 570801

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.0	15.0
80	12.6	11.2	16.8

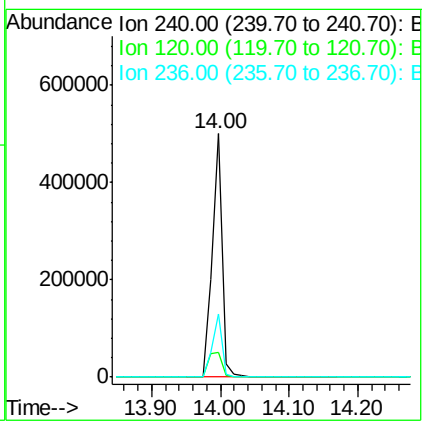


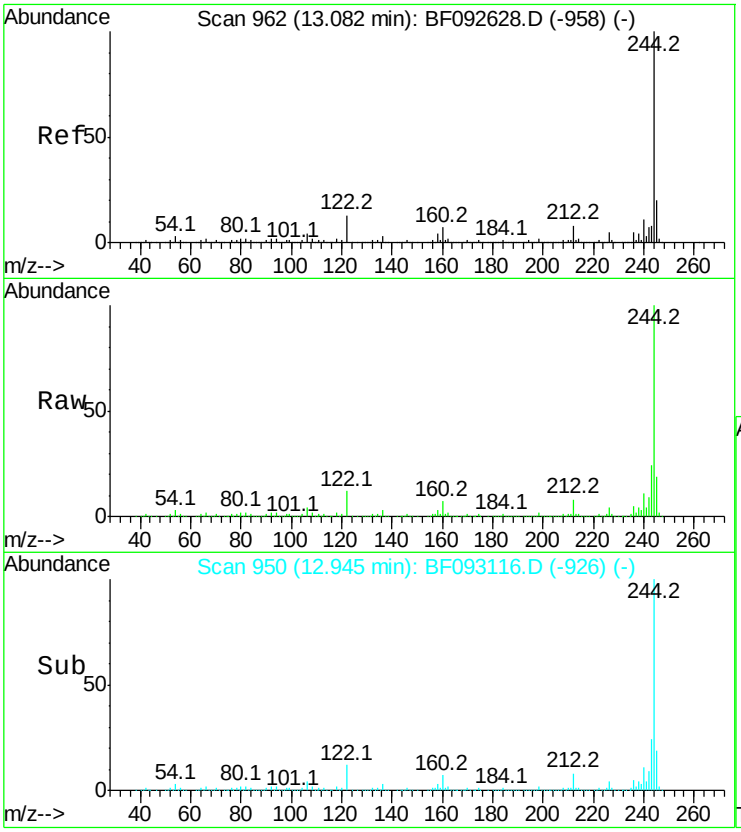


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion:240 Resp: 509056

Ion	Ratio	Lower	Upper
240	100		
120	10.2	12.9	19.3#
236	26.0	20.9	31.3



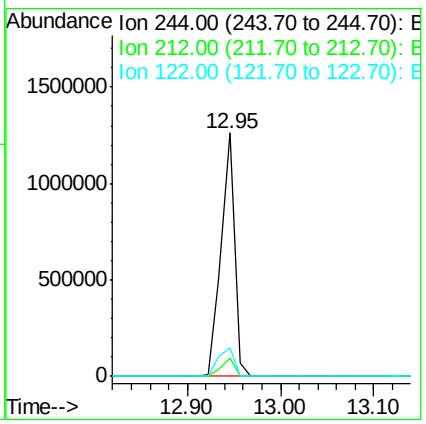


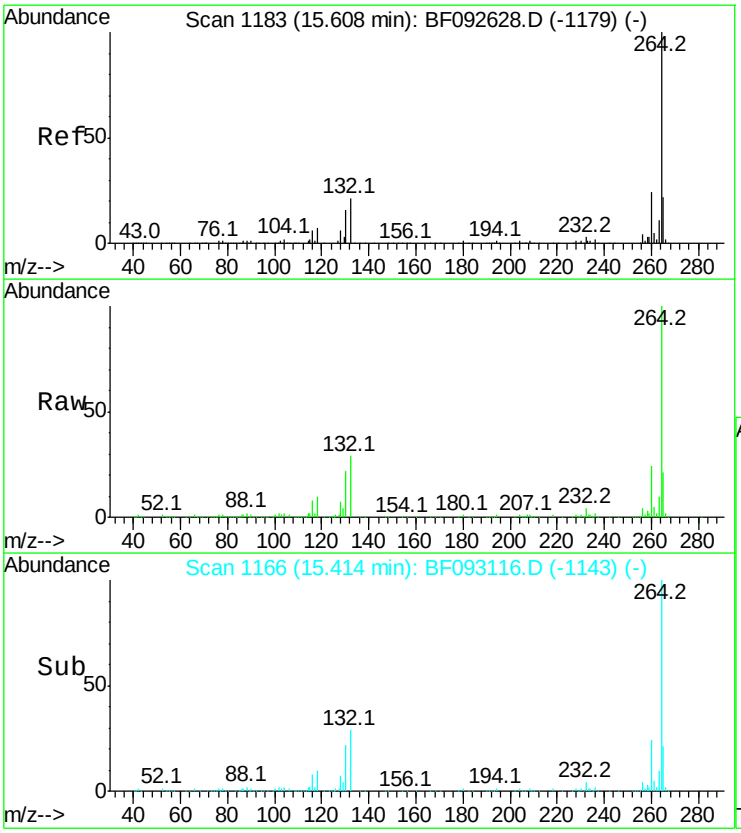
#78
Terphenyl-d14
Concen: 58.67 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(10-15)

Tgt Ion:244 Resp: 1271131

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.0	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093116.D
Acq: 23 Feb 2017 20:45

Tgt Ion:264 Resp: 385047

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.4	26.0