Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102099.D
Acq On : 16 Jan 2018 10:40
Operator : SJ/JU
Sample : J1116-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-41-4.5-5.0

Quant Time: Jan 16 23:44:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158483	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	663273	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	303526	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	522138	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	362140	20.00	ng	-0.01
86) Perylene-d12	15.28	264	284367	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1177325	104.90	ng	0.01
7) Phenol-d6	6.36	99	1421333	106.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	899880	79.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	317706	119.94	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1297406	66.78	ng	-0.01
78) Terphenyl-d14	12.83	244	1179541	67.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	46303	3.060	ng	99
49) Dimethylphthalate	9.47	163	238742	9.805	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	97392	5.779	ng	99

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

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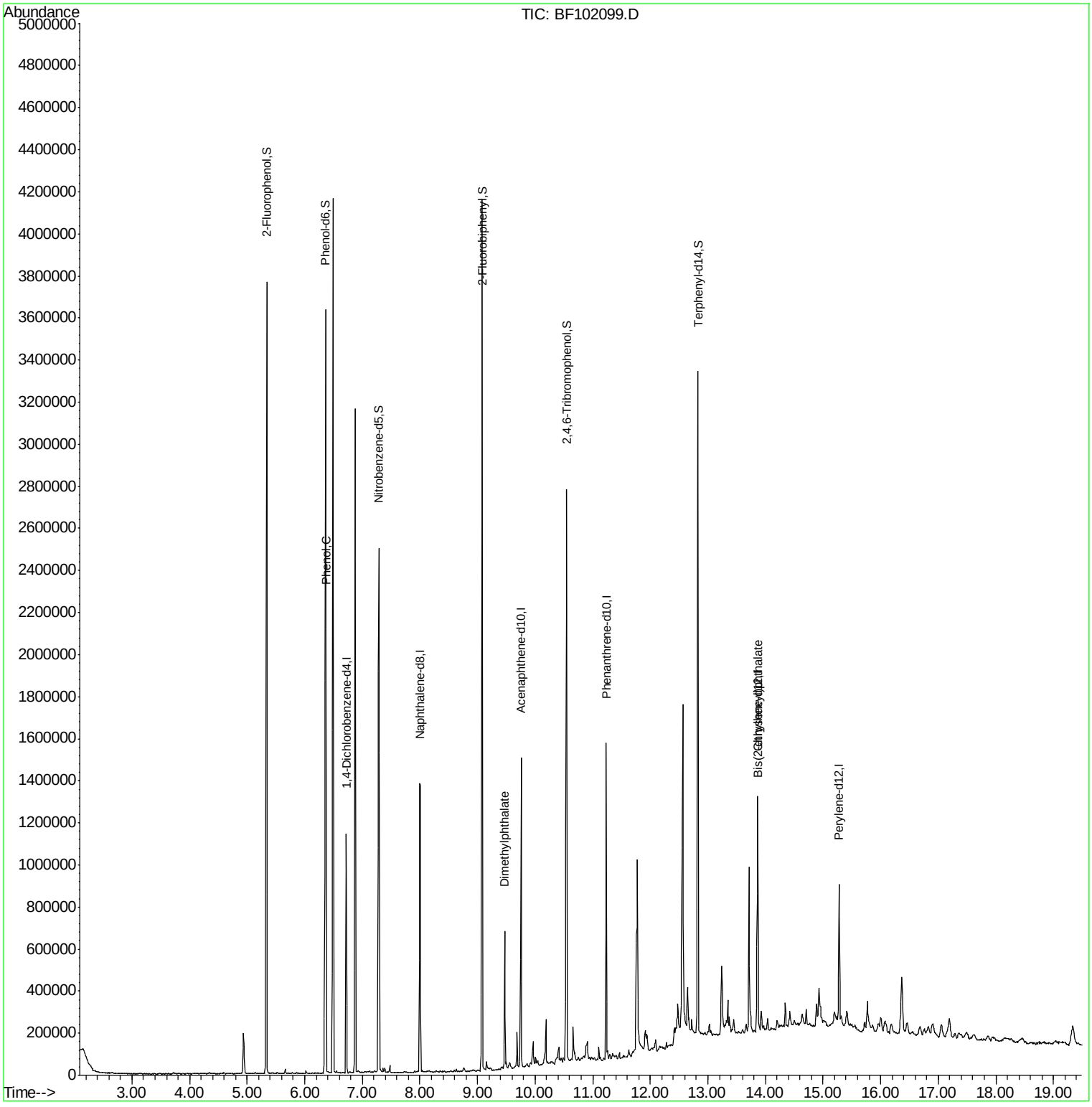
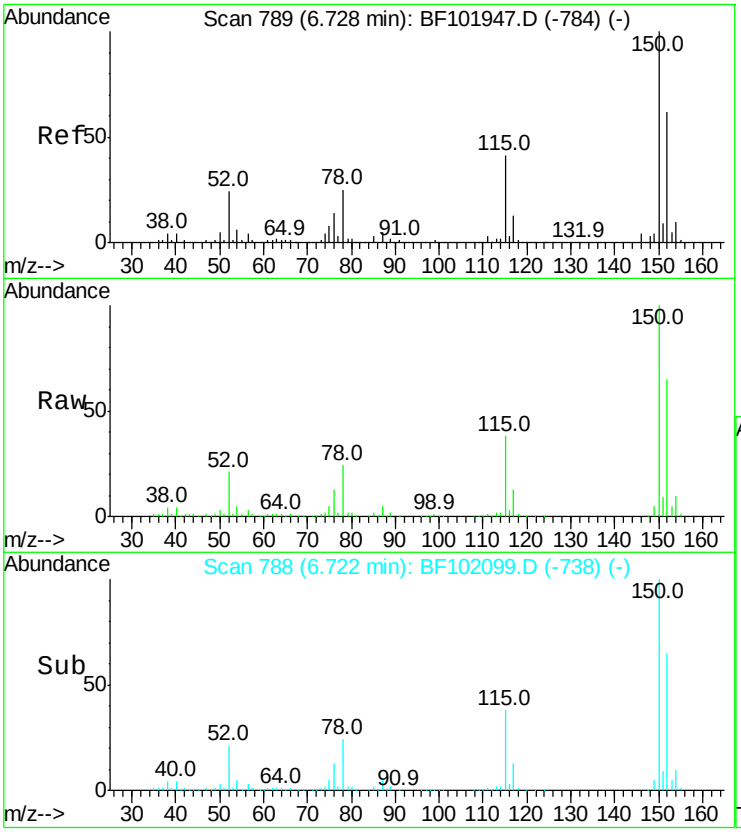


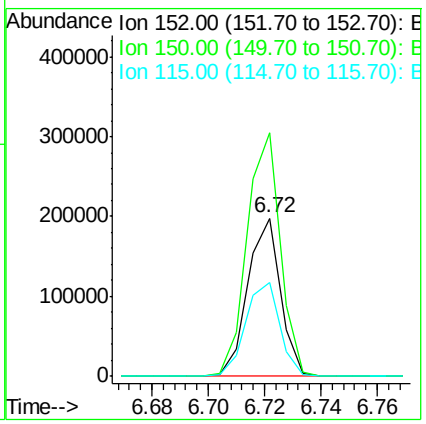


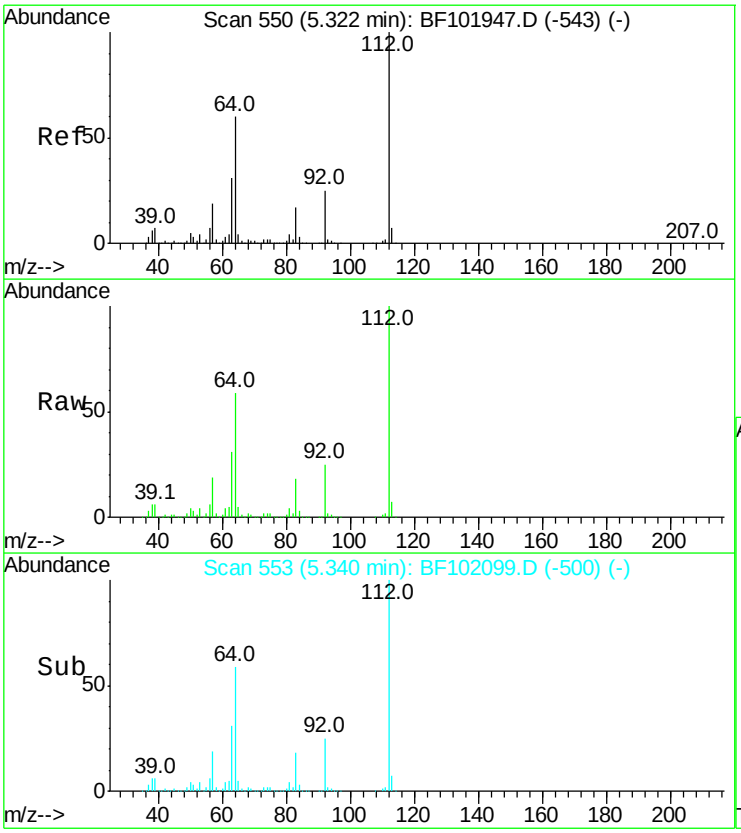
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion:152 Resp: 158483

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.0	50.1	75.1

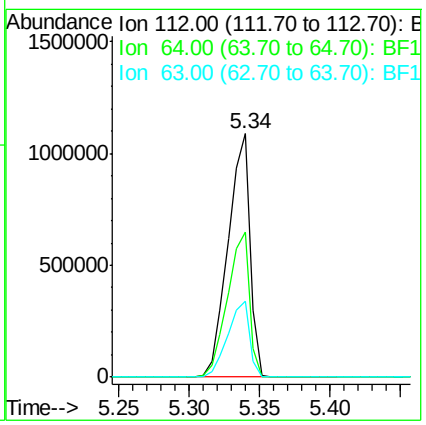


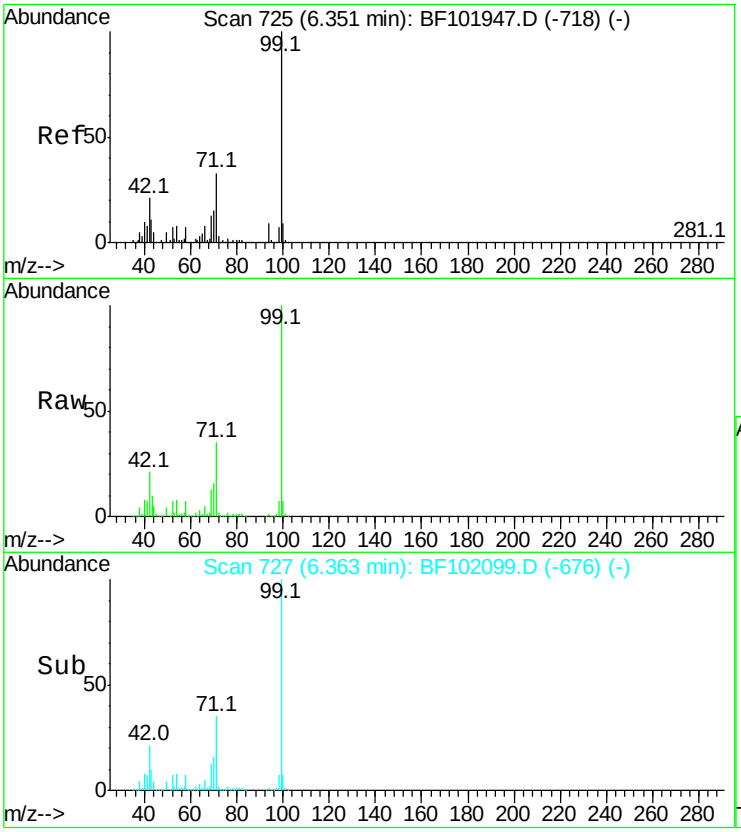


#5
2-Fluorophenol
Concen: 104.900 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:112 Resp: 1177325

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	31.0	23.7	35.5



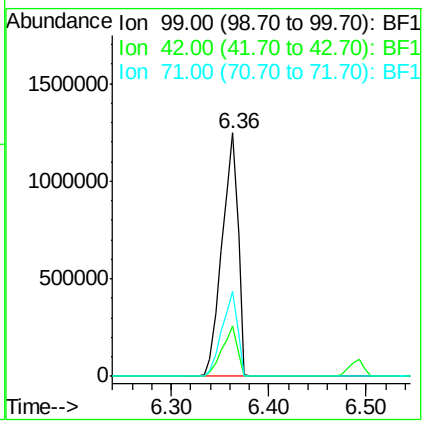


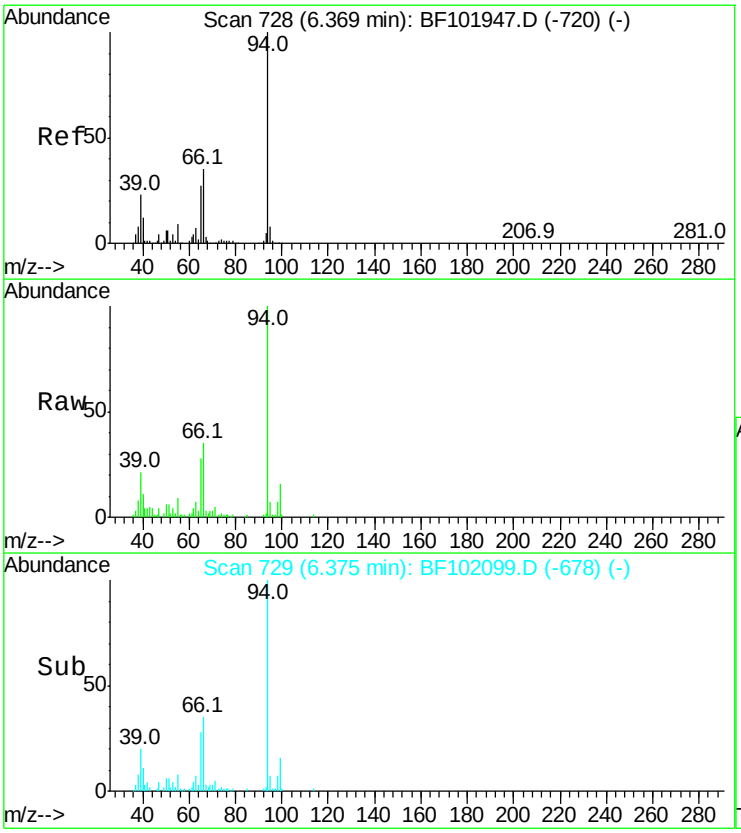
#7
Phenol-d6
Concen: 106.144 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion: 99 Resp: 1421333

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.0	25.4	38.0

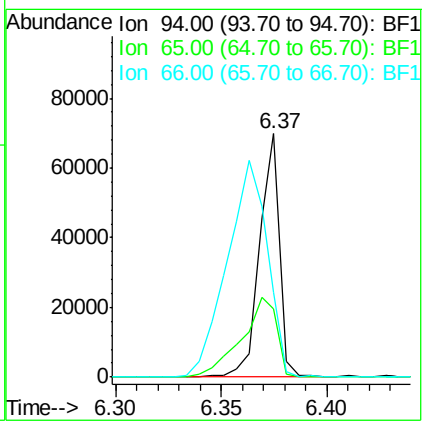


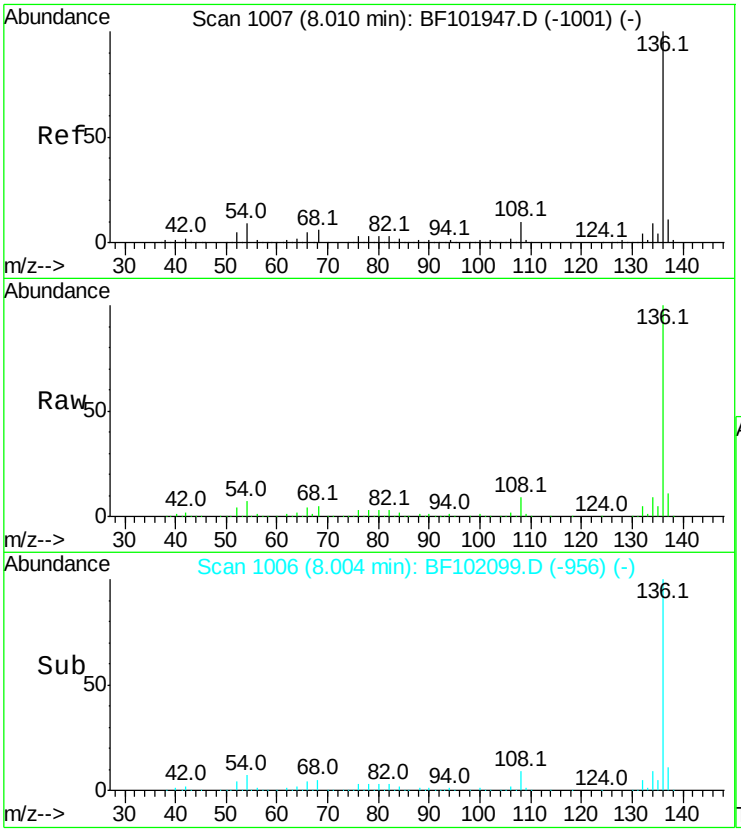


#10
Phenol
Concen: 3.060 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion: 94 Resp: 46303

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	34.8	16.2	56.2



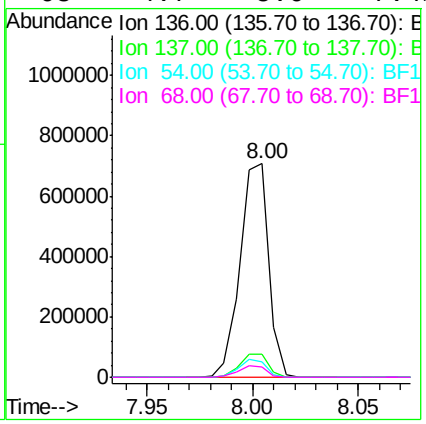


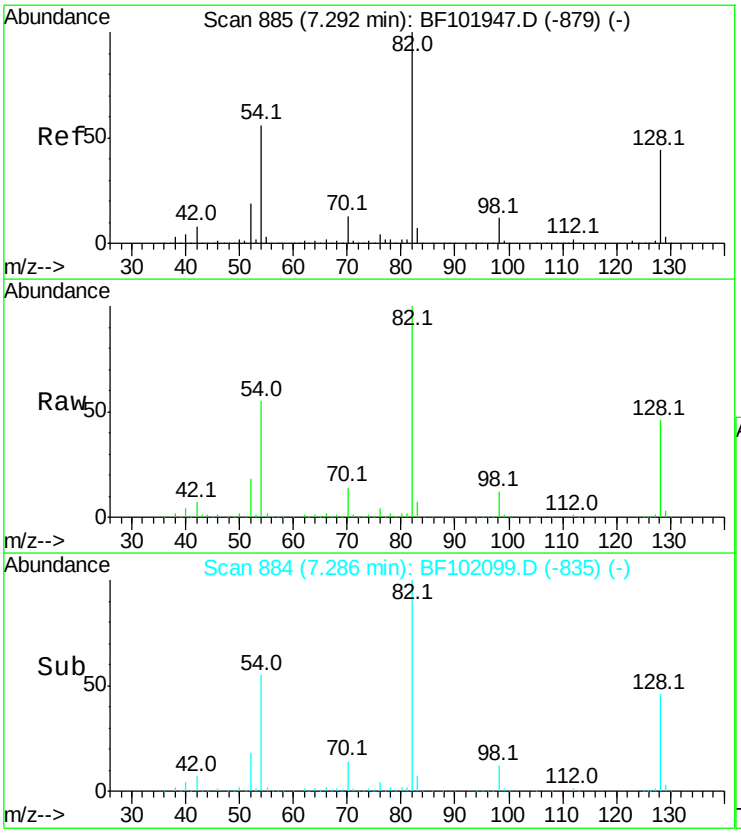
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion:136 Resp: 663273

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	4.7	5.0	7.4#

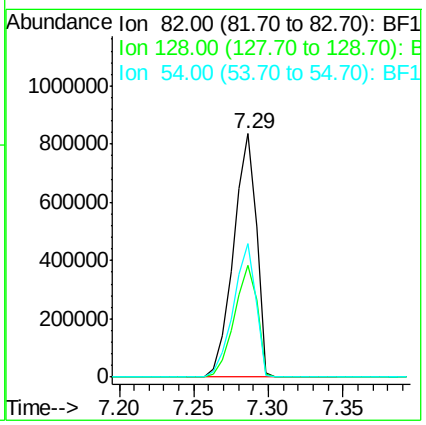


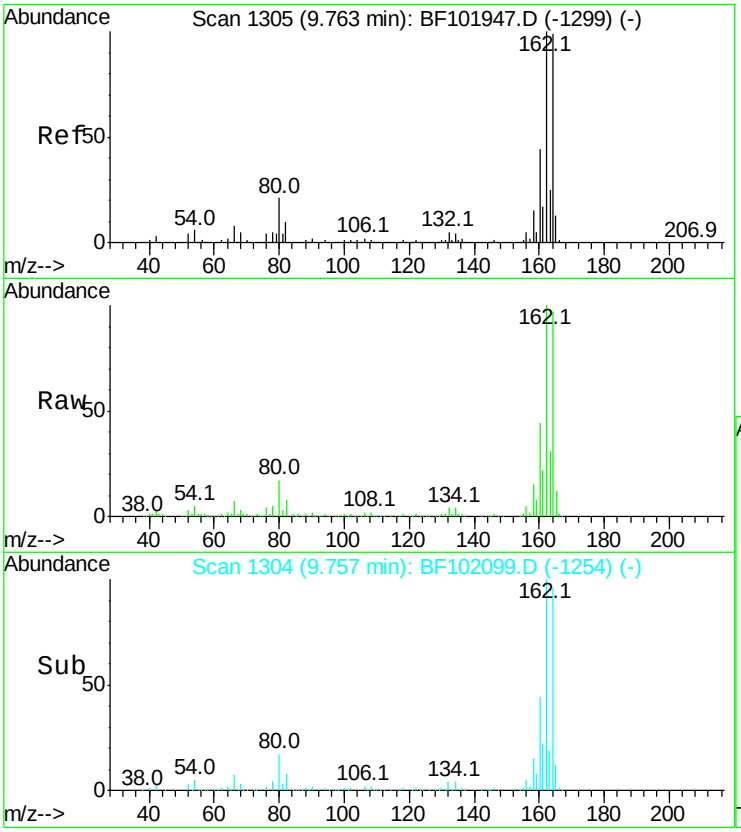


#23
Nitrobenzene-d5
Concen: 79.727 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion: 82 Resp: 899880

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.7	41.4	62.2



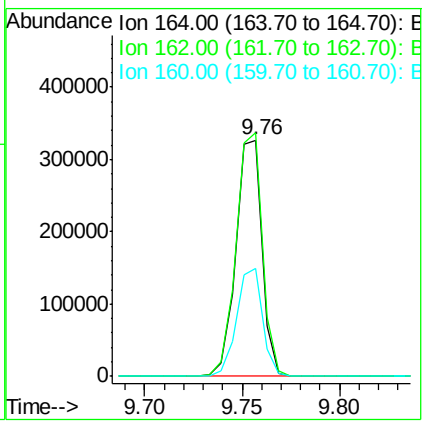


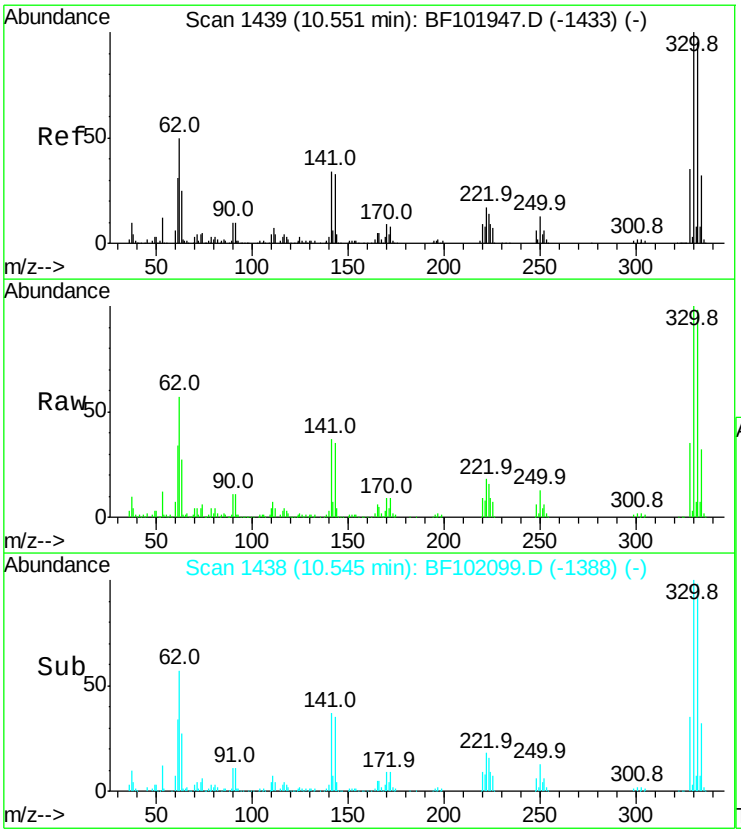
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion:164 Resp: 303526

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.5	38.3	57.5

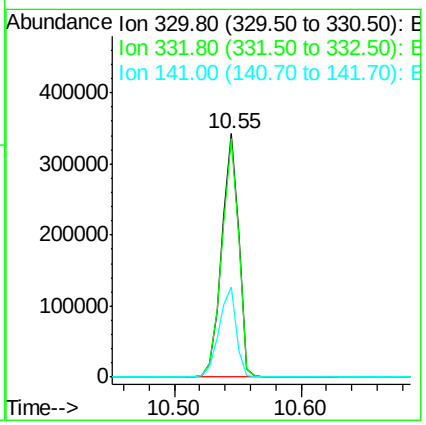


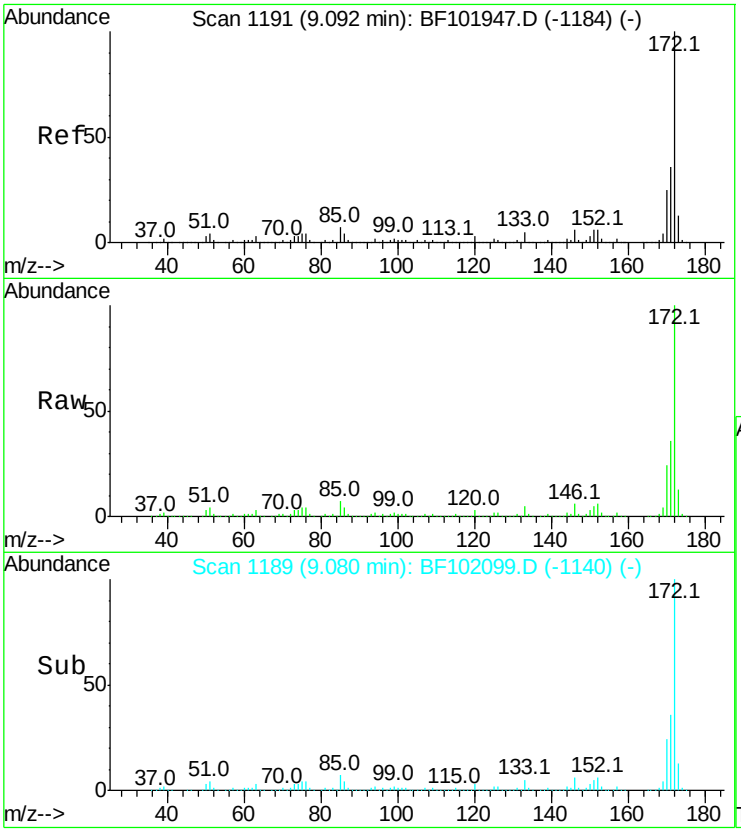


#41
2,4,6-Tribromophenol
Concen: 119.942 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:330 Resp: 317706

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.1	29.9	44.9



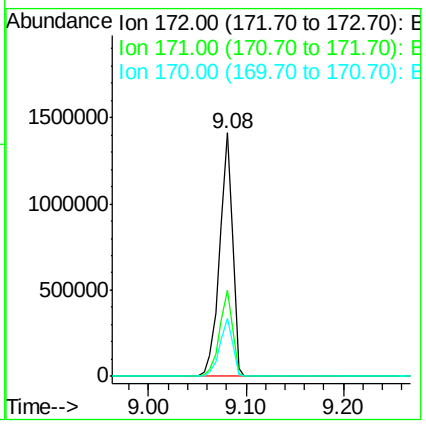


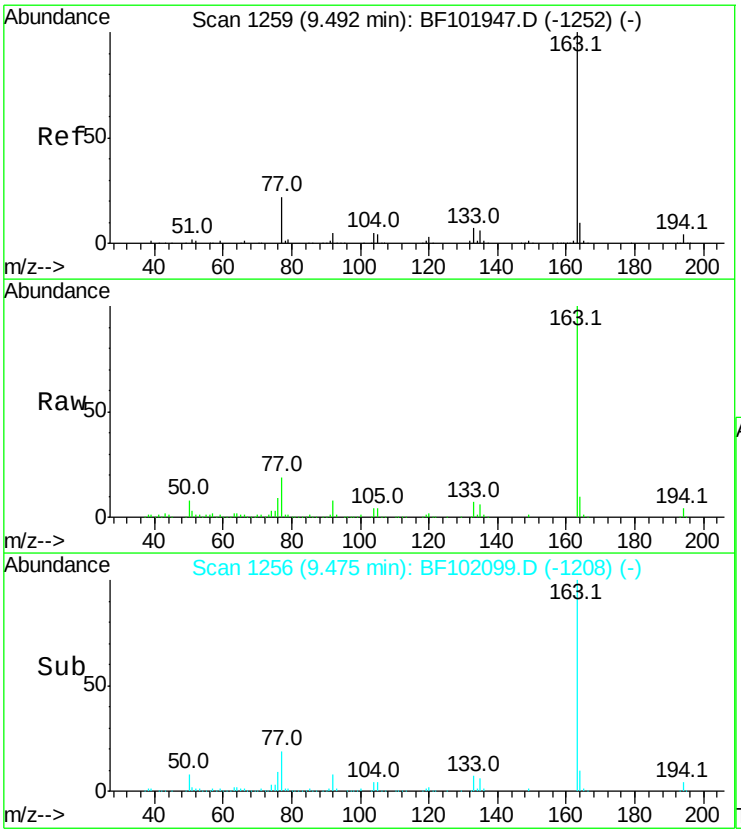
#44
2-Fluorobiphenyl
Concen: 66.778 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion:172 Resp: 1297406

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

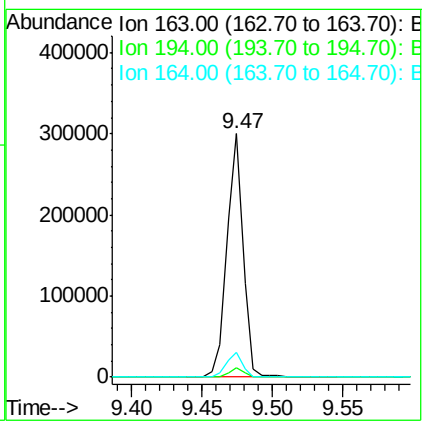


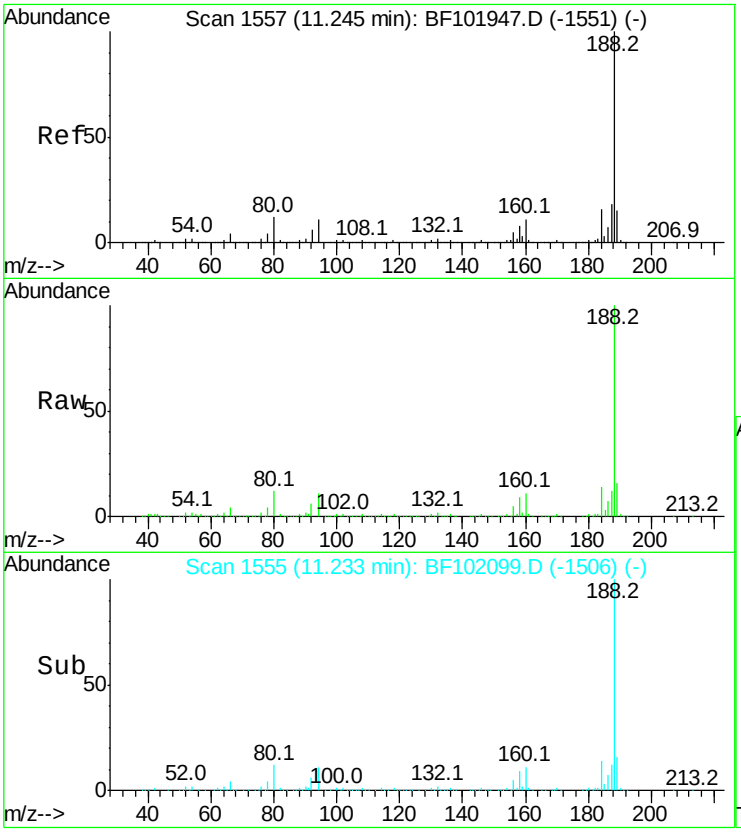


#49
Dimethylphthalate
Concen: 9.805 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:163 Resp: 238742

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2



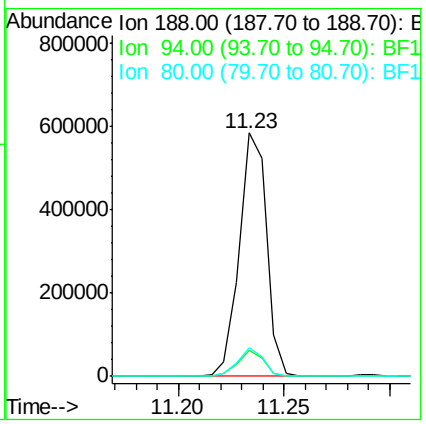


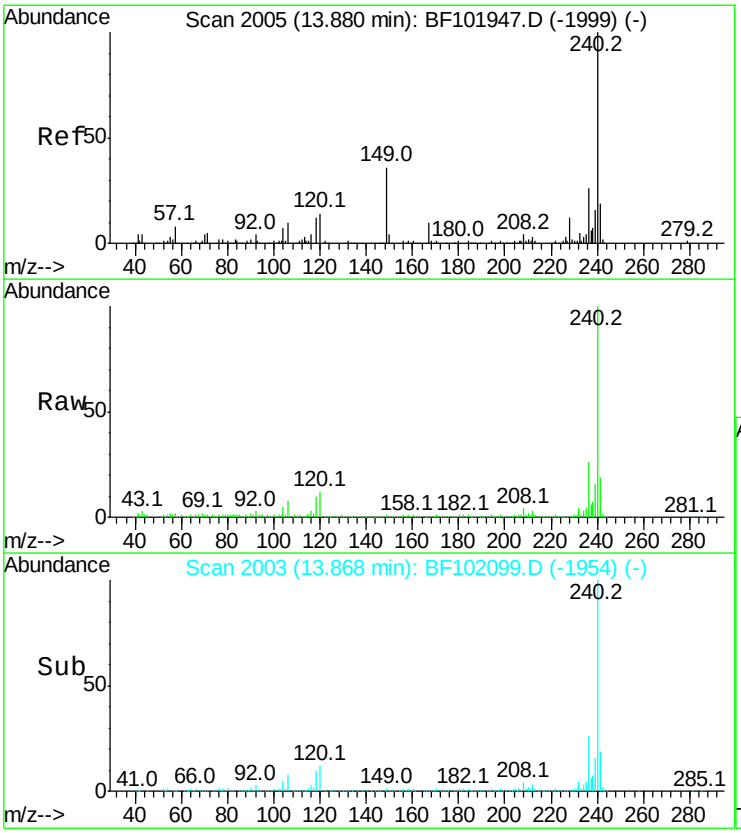
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion:188 Resp: 522138

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

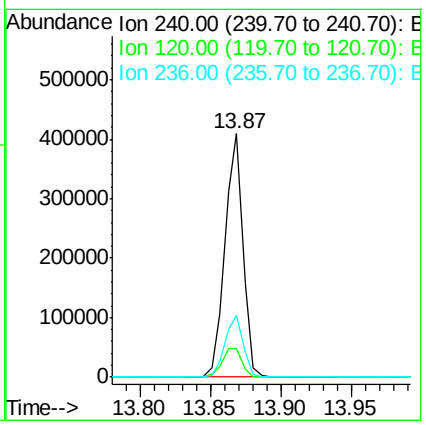


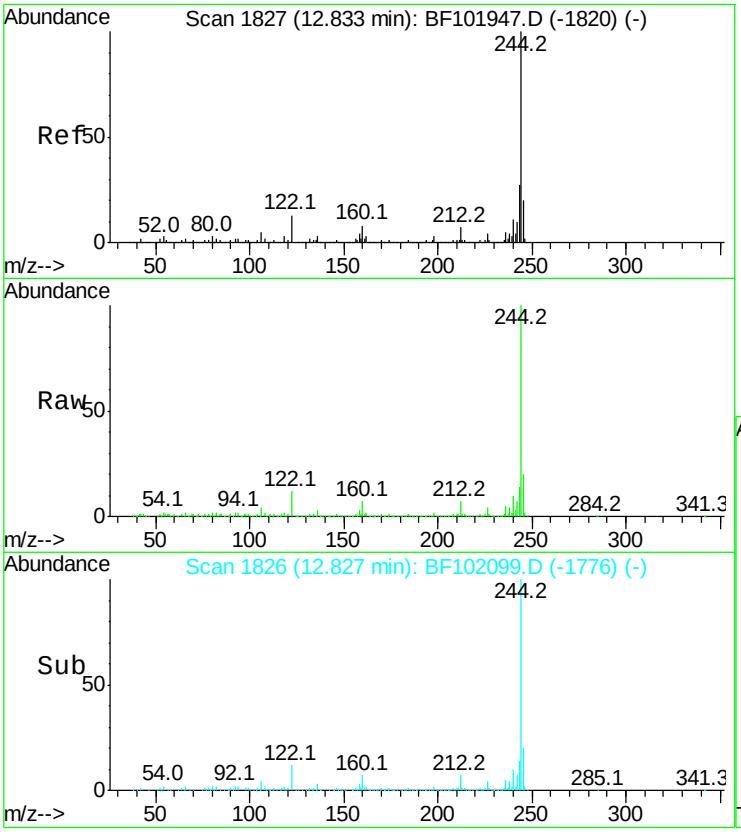


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:240 Resp: 362140

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.6	20.7	31.1



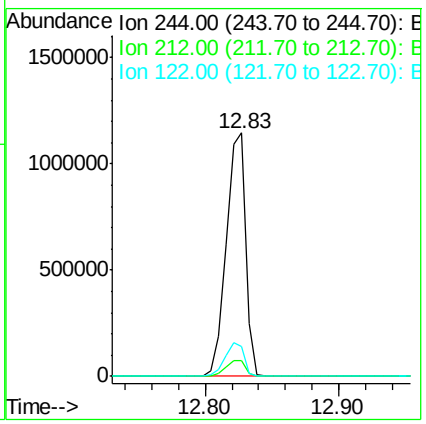


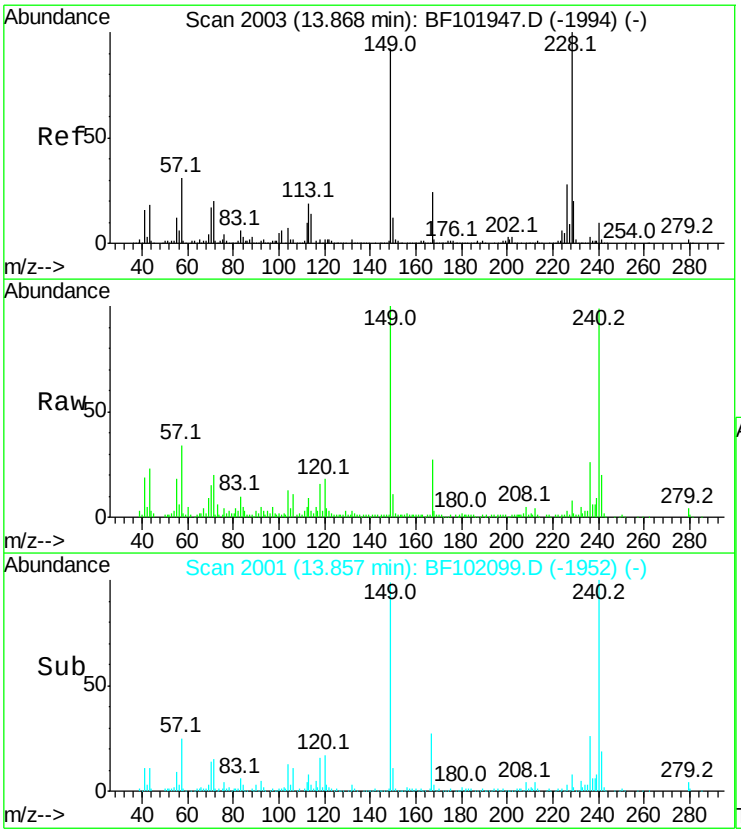
#78
Terphenyl-d14
Concen: 67.627 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion:244 Resp: 1179541

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.1	11.0	16.4

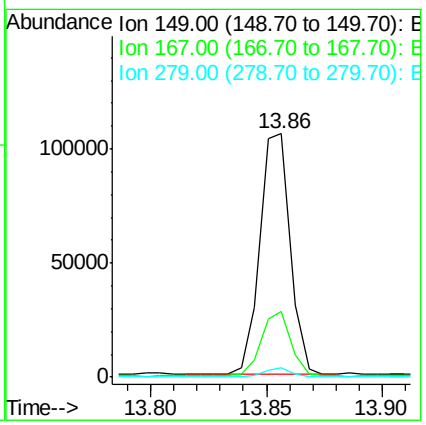


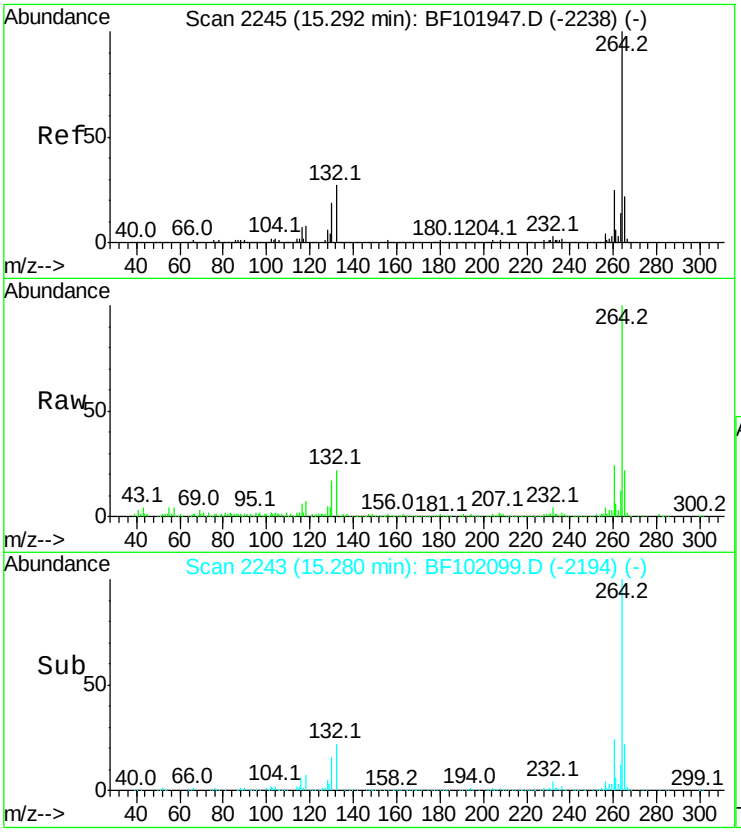


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.779 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Tgt Ion:149 Resp: 97392

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.6	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102099.D
Acq: 16 Jan 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tgt Ion:264 Resp: 284367

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3