Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104700.D
Acq On : 23 Apr 2018 11:07
Operator : JU/SJ
Sample : J2461-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-P001-S002-0001-01

Quant Time: Apr 23 15:51:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109361	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	419487	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176921	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	288884	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237422	20.00	ng	0.00
86) Perylene-d12	15.45	264	172658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	567927	79.41	ng	0.00
7) Phenol-d6	6.45	99	663640	75.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	408505	63.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	144240	78.59	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	744288	66.46	ng	0.00
78) Terphenyl-d14	12.92	244	627194	60.23	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	51751	3.709	ng	98
79) Butylbenzylphthalate	13.39	149	37494	4.522	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	171287	16.062	ng	99

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

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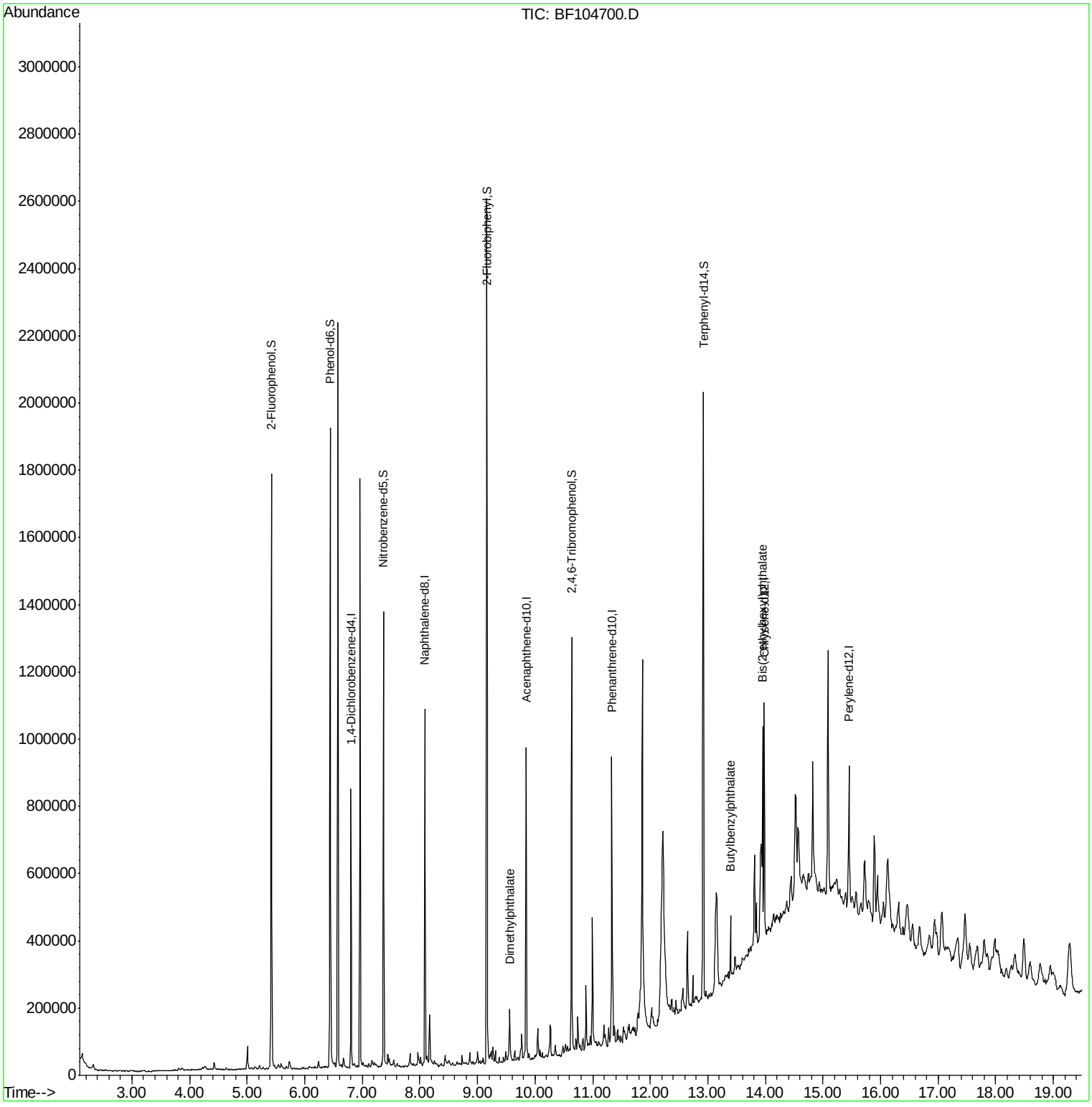
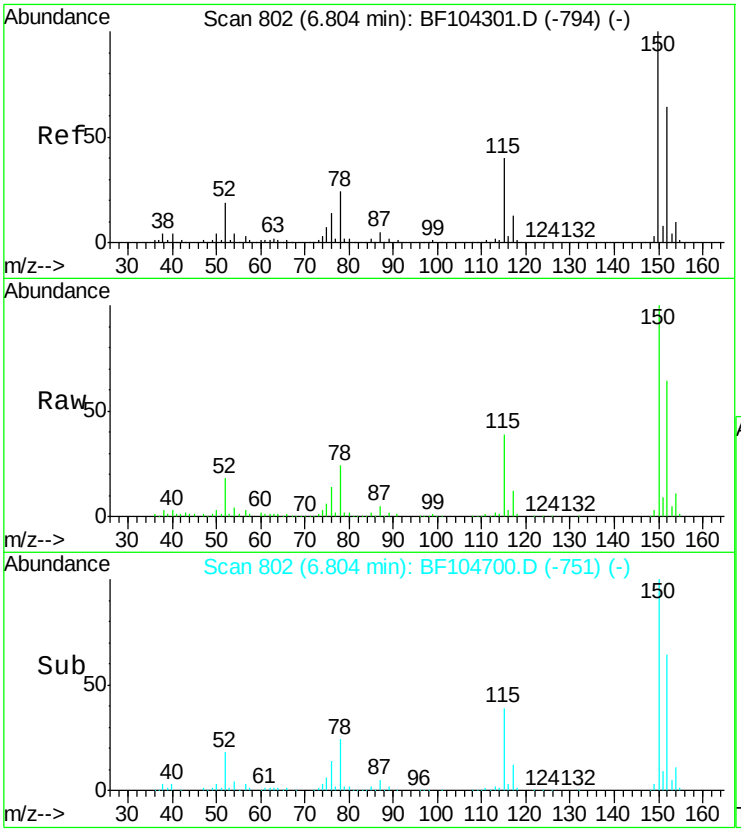


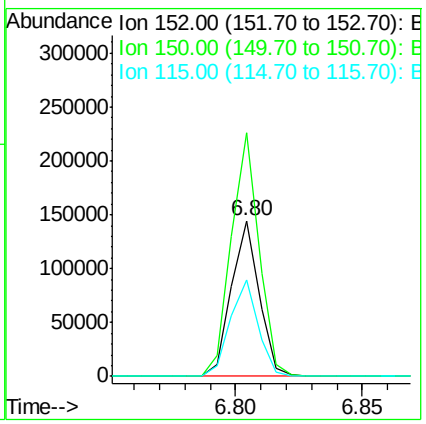


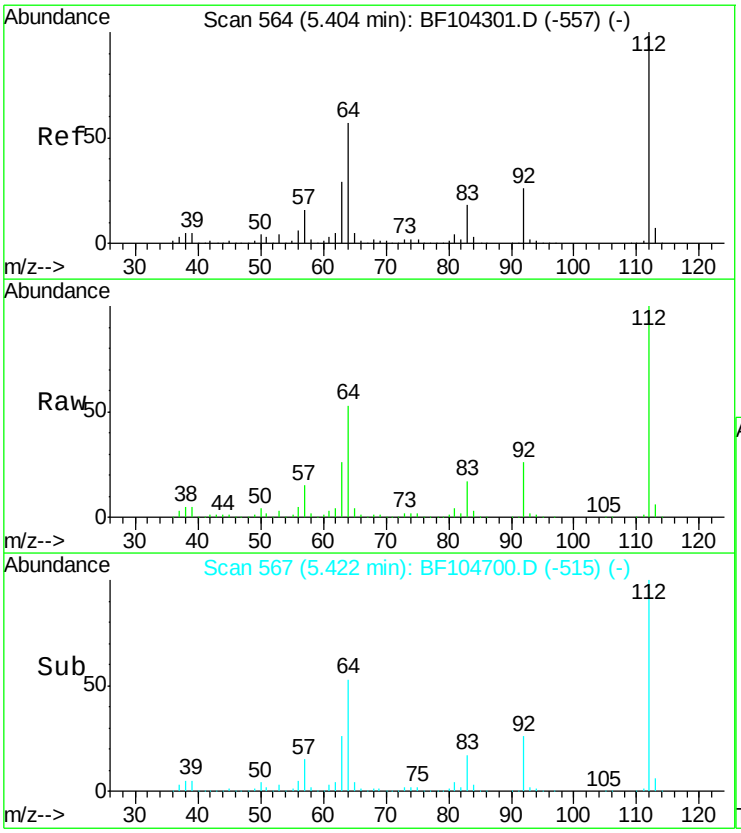
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion:152 Resp: 109361

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.7	50.1	75.1

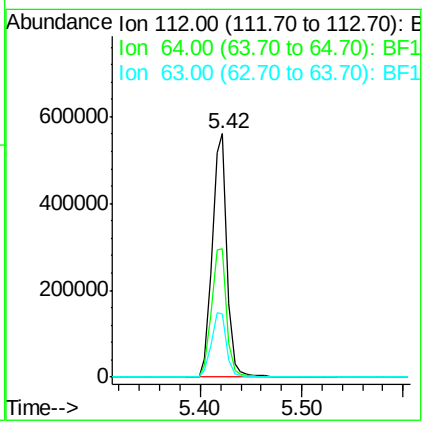


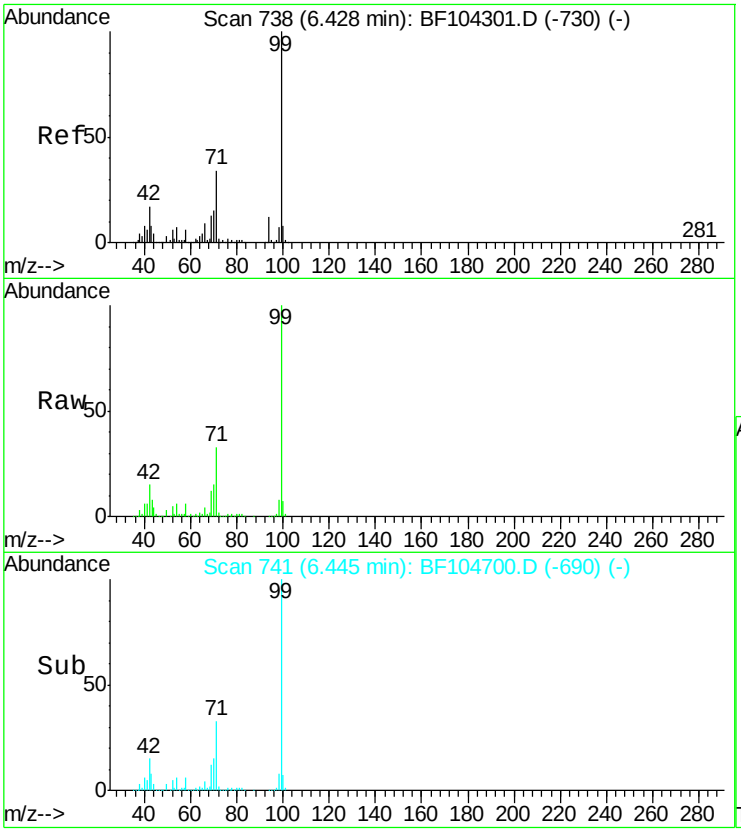


#5
2-Fluorophenol
Concen: 79.406 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:112 Resp: 567927

Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	26.0	23.7	35.5



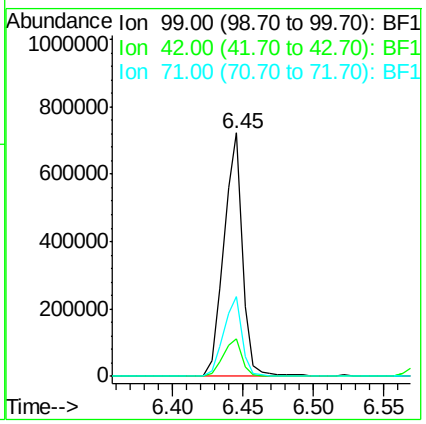


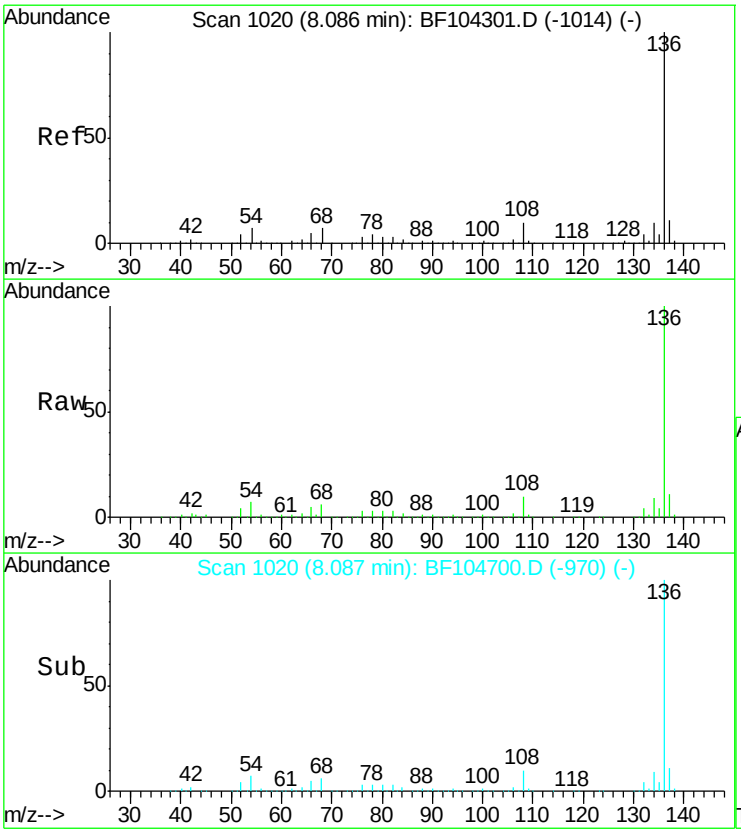
#7
Phenol-d6
Concen: 75.519 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion: 99 Resp: 663640

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	32.7	25.4	38.0

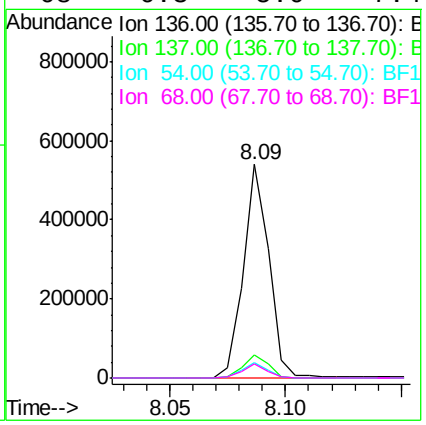


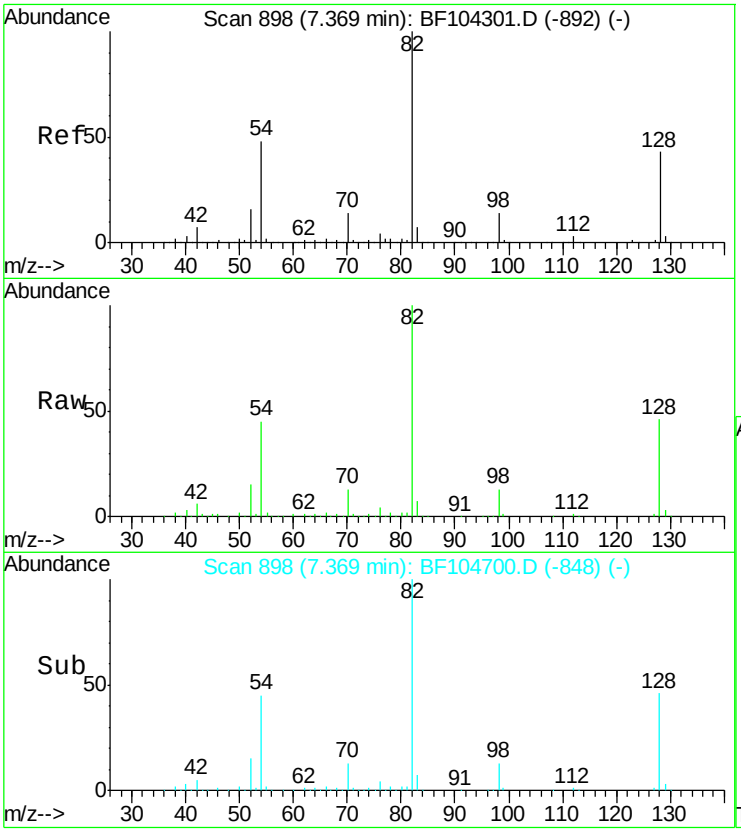


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:136 Resp: 419487

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.3	5.0	7.4



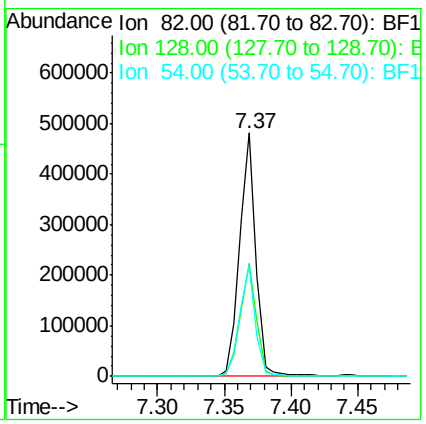


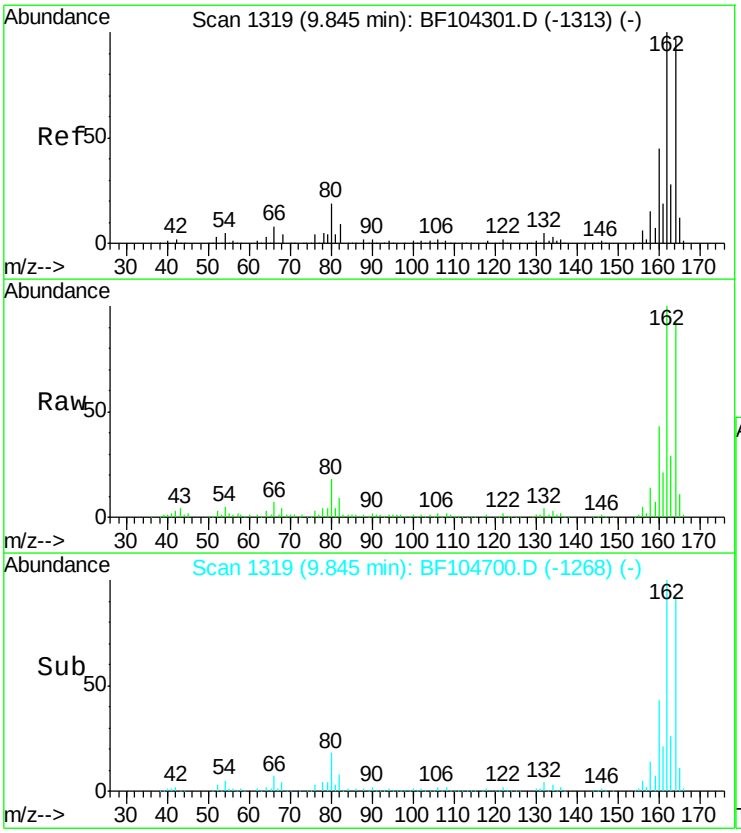
#23
Nitrobenzene-d5
Concen: 63.589 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion: 82 Resp: 408505

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	45.3	41.4	62.2

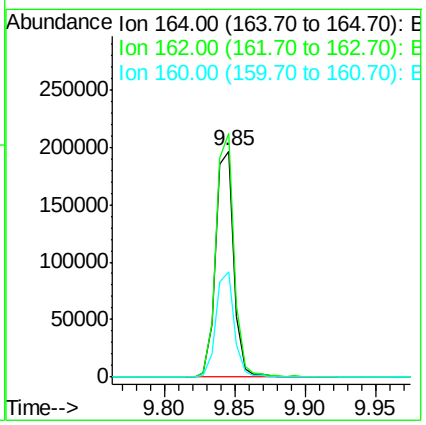


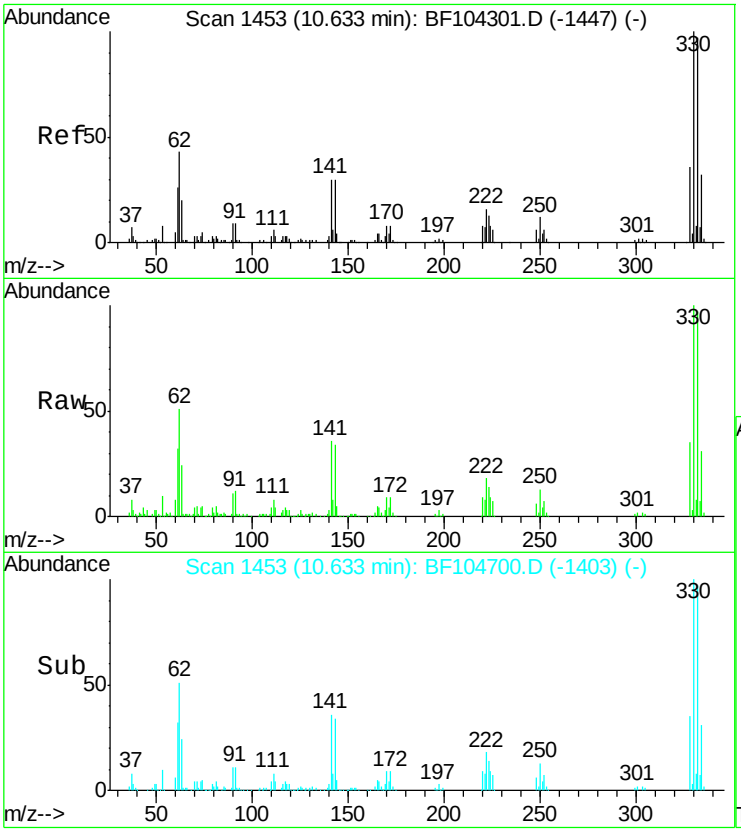


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:164 Resp: 176921

Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.1	129.1
160	46.3	38.3	57.5



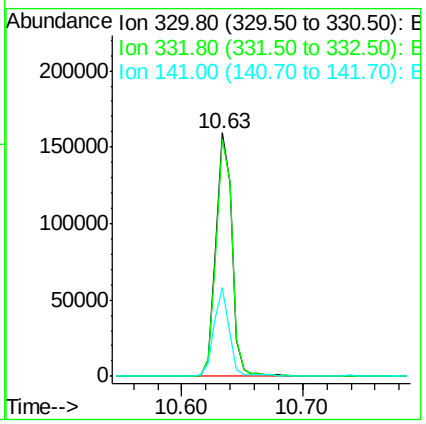


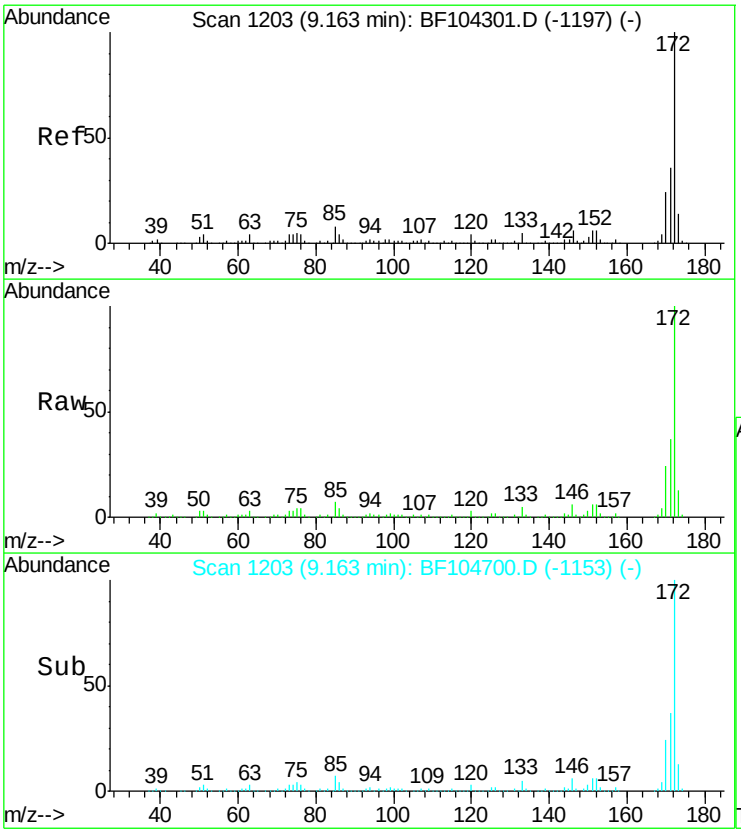
#41
2,4,6-Tribromophenol
Concen: 78.594 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion:330 Resp: 144240

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	34.7	29.9	44.9

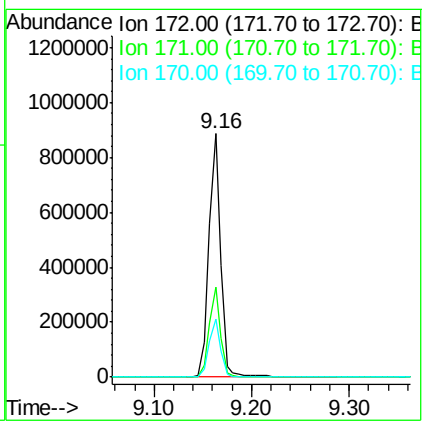


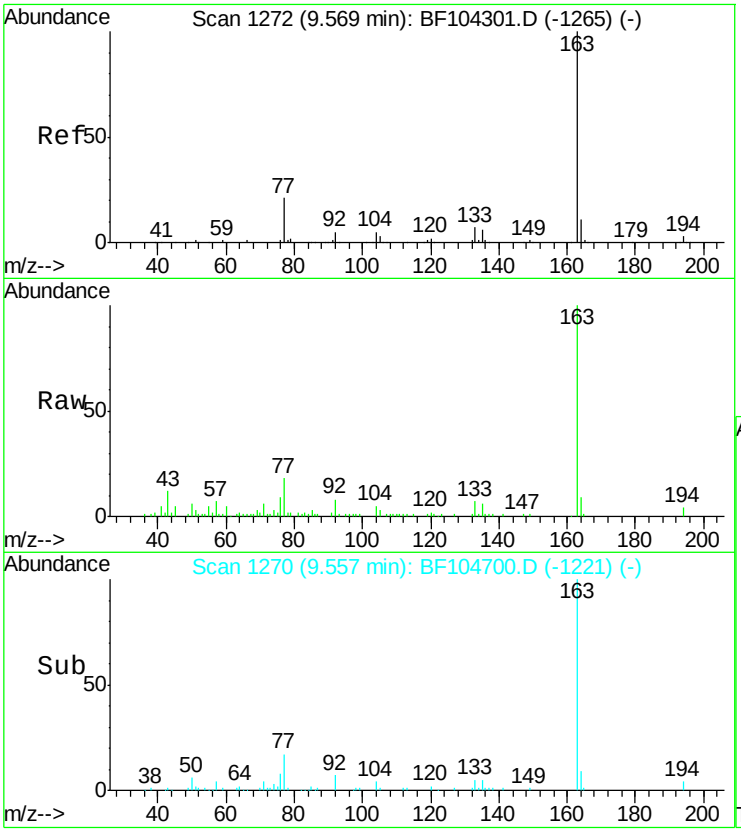


#44
2-Fluorobiphenyl
Concen: 66.458 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:172 Resp: 744288

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.8	19.6	29.4



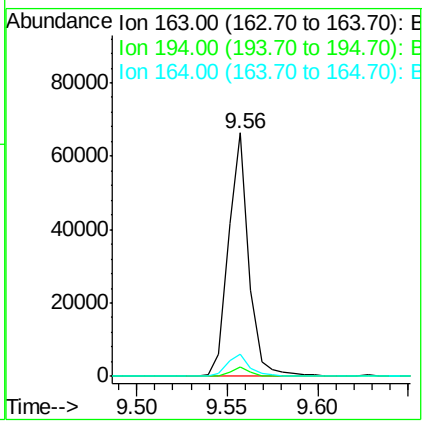


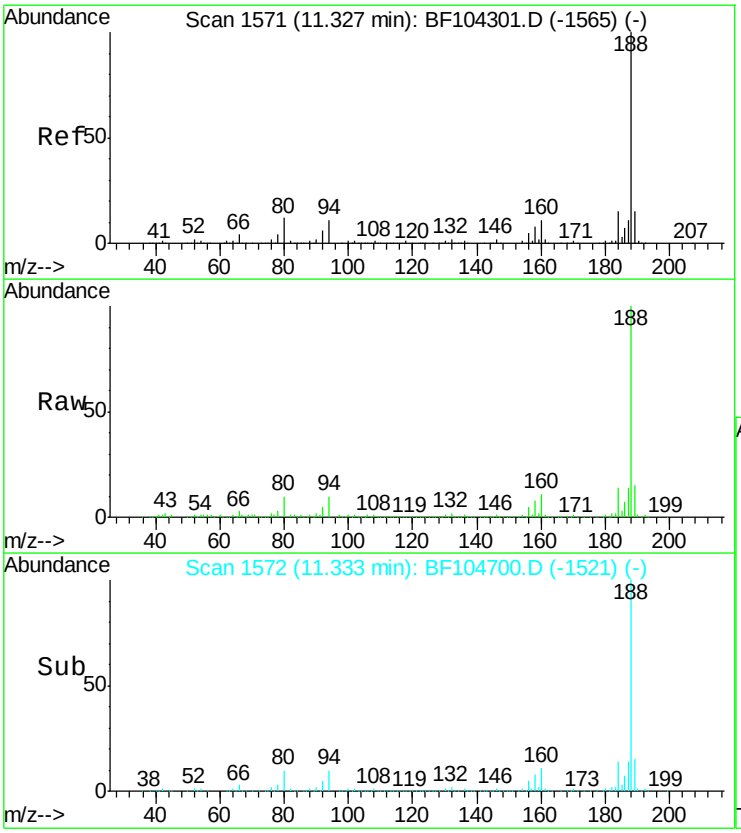
#49
Dimethylphthalate
Concen: 3.709 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion:163 Resp: 51751

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.3	8.2	12.2

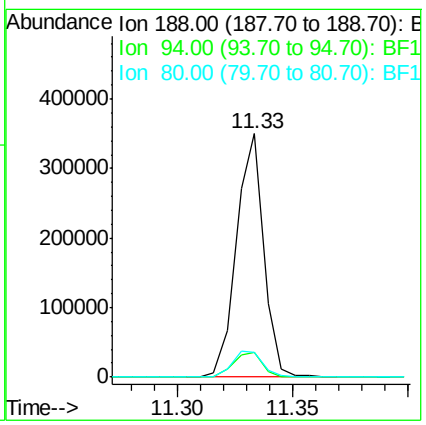


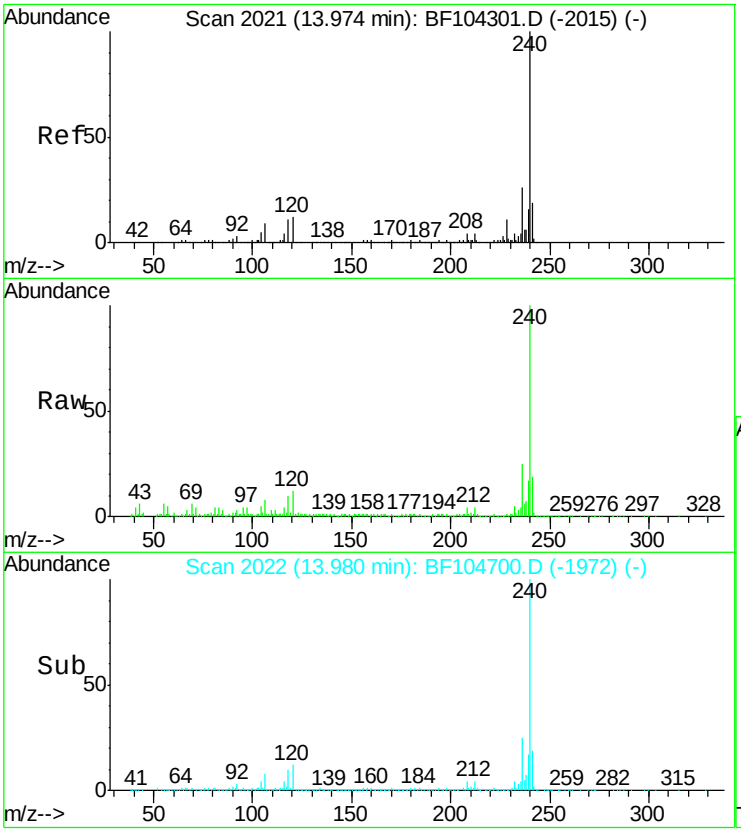


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:188 Resp: 288884

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	9.2	13.8



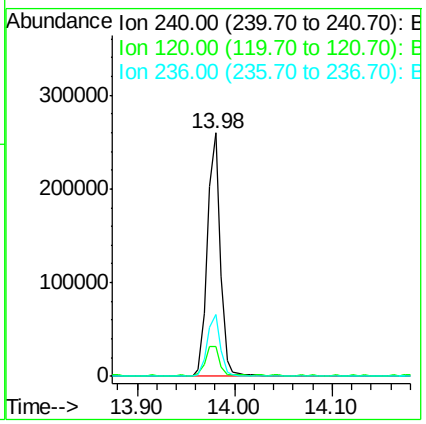


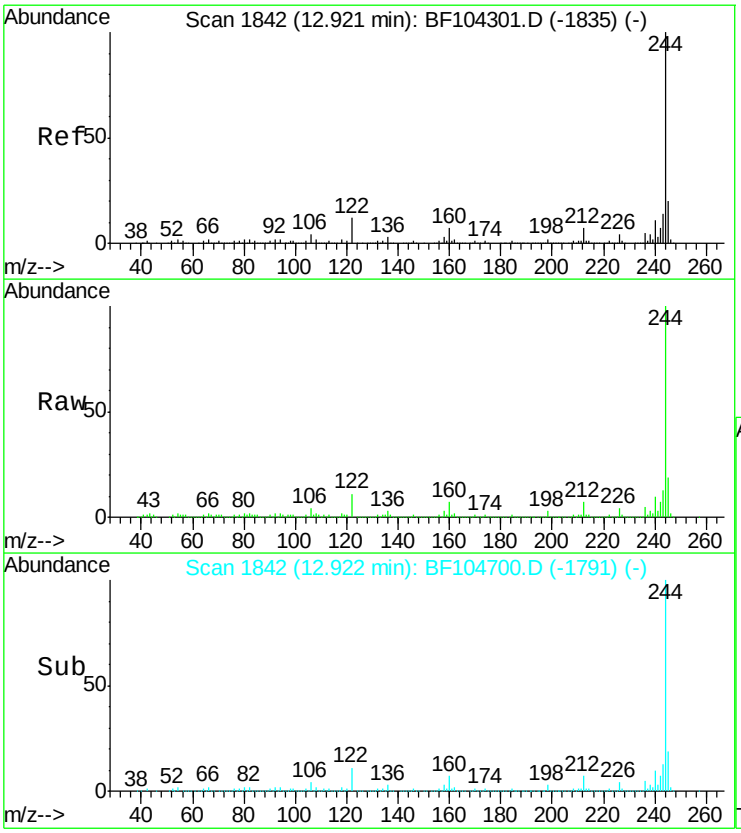
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion:240 Resp: 237422

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.4	20.7	31.1

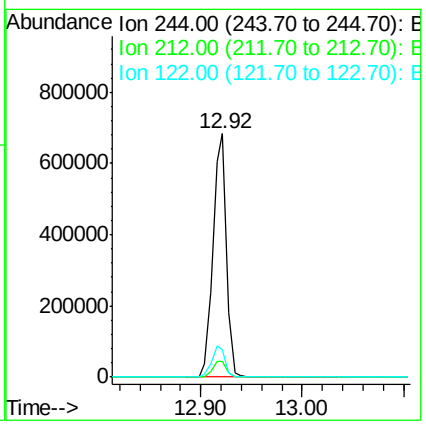


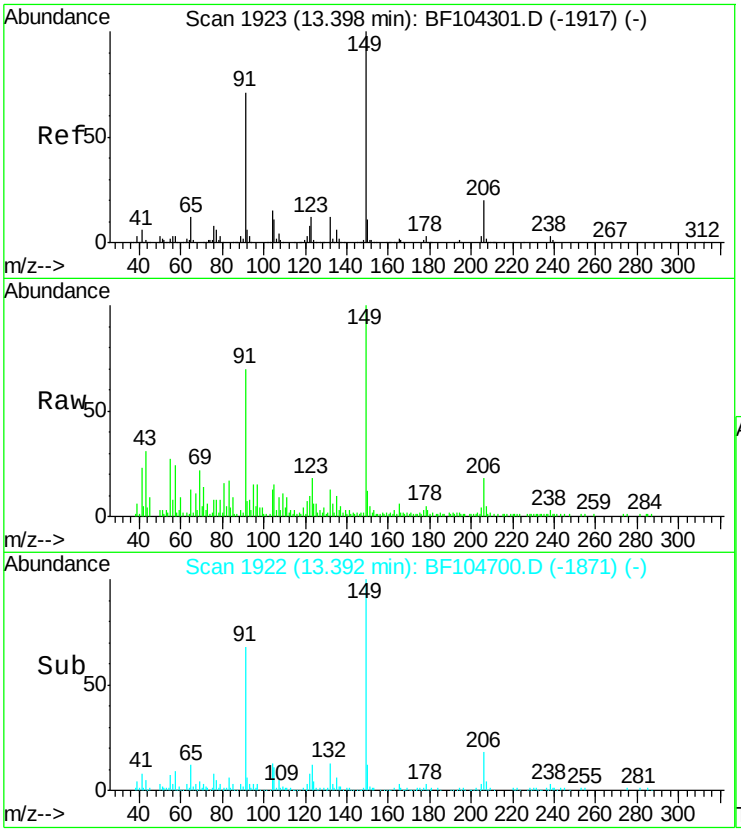


#78
Terphenyl-d14
Concen: 60.226 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:244 Resp: 627194

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.0	11.0	16.4



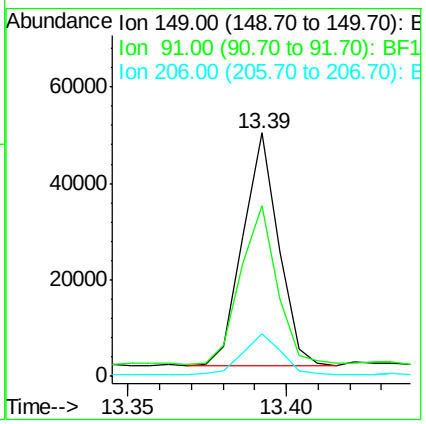


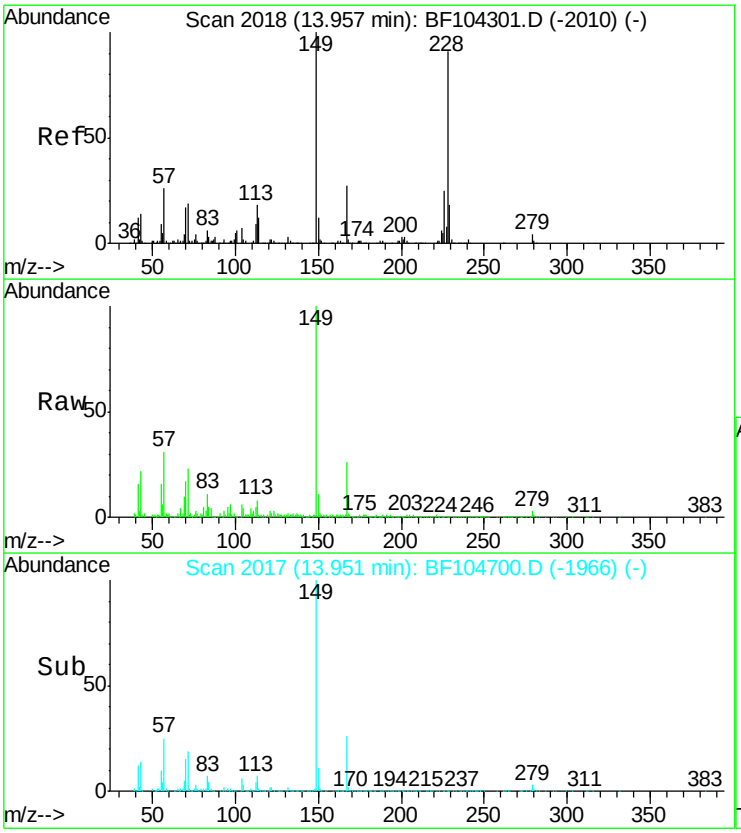
#79
Butylbenzylphthalate
Concen: 4.522 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion:149 Resp: 37494

Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	17.5	14.1	21.1

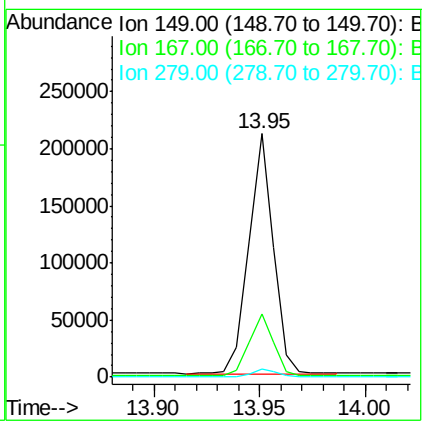


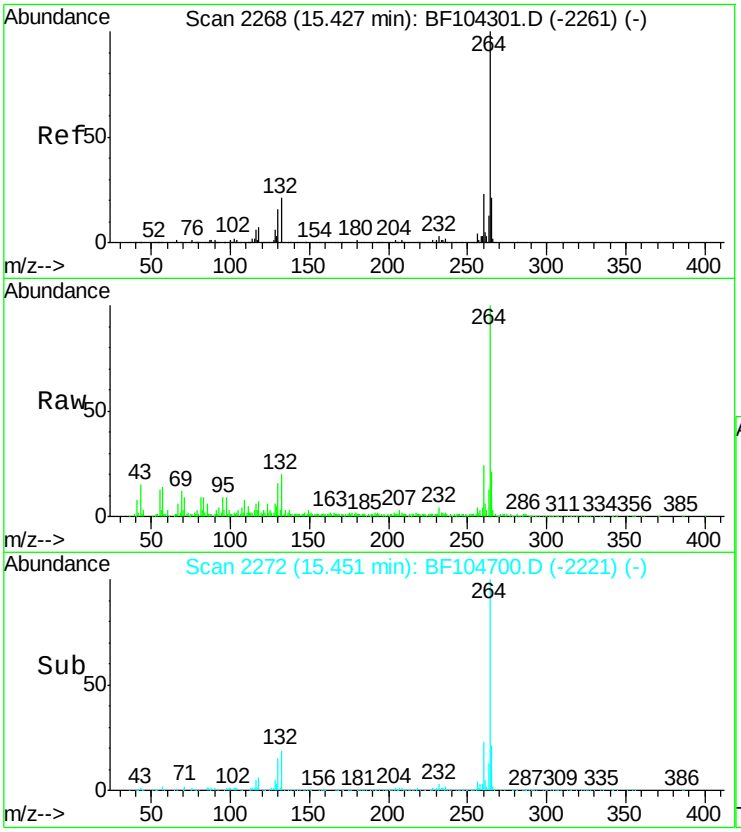


#83
Bis(2-ethylhexyl)phthalate
Concen: 16.062 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:149 Resp: 171287

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.4	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tgt Ion:264 Resp: 172658

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3