Quantitation Report (QT/LSC Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102165.D
Acq On : 17 Jan 2018 22:07
Operator : SJ/JU
Sample : J1167-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2

Quant Time: Jan 18 03:43:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143324	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	552102	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	211003	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	271955	20.00	ng	0.00
75) Chrysene-d12	13.89	240	184106	20.00	ng	0.01
86) Perylene-d12	15.32	264	224475	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	595150	58.64	ng	0.00
7) Phenol-d6	6.35	99	678445	56.02	ng	0.00
23) Nitrobenzene-d5	7.28	82	424822	45.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	147499	80.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	862240	63.84	ng	0.00
78) Terphenyl-d14	12.83	244	633410	71.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	59955	3.542	ng	100
73) Di-n-butylphthalate	11.80	149	320035	16.473	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	185047	21.599	ng	95

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

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Data File : BF102165.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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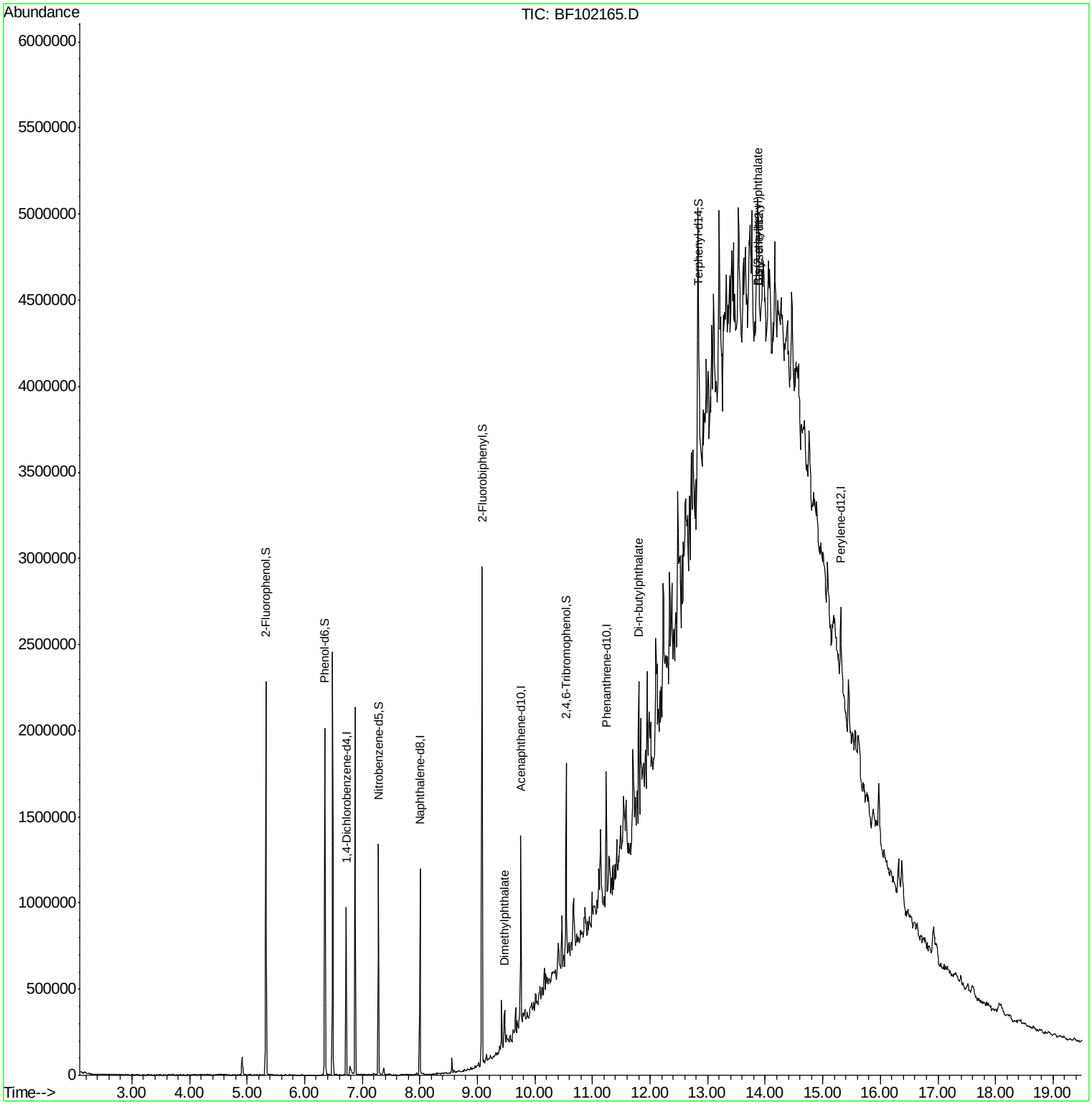
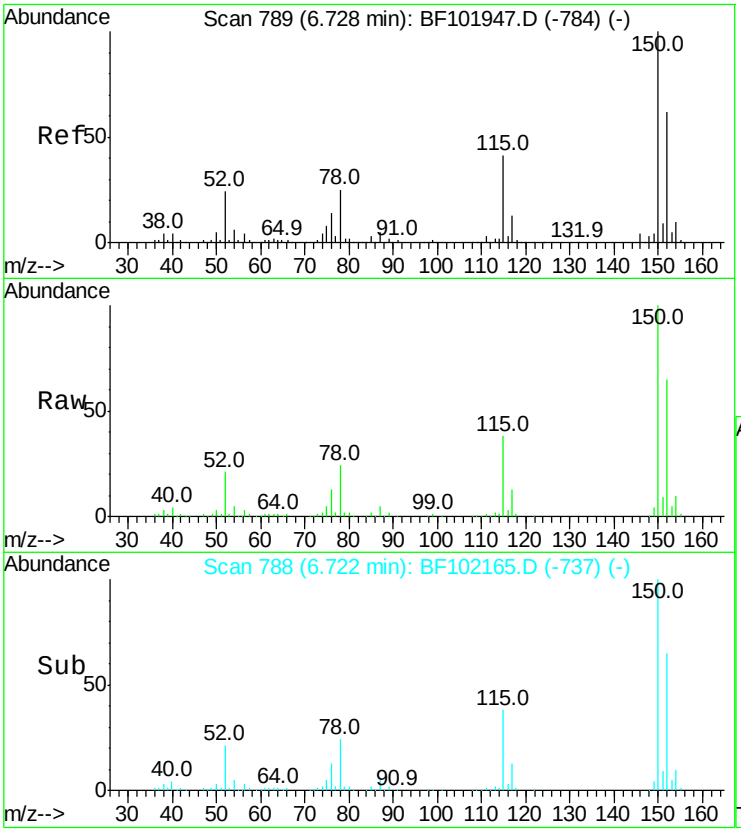


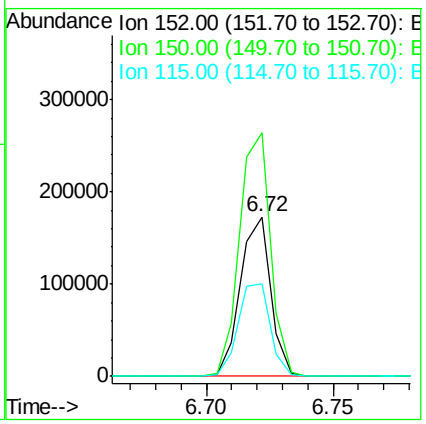


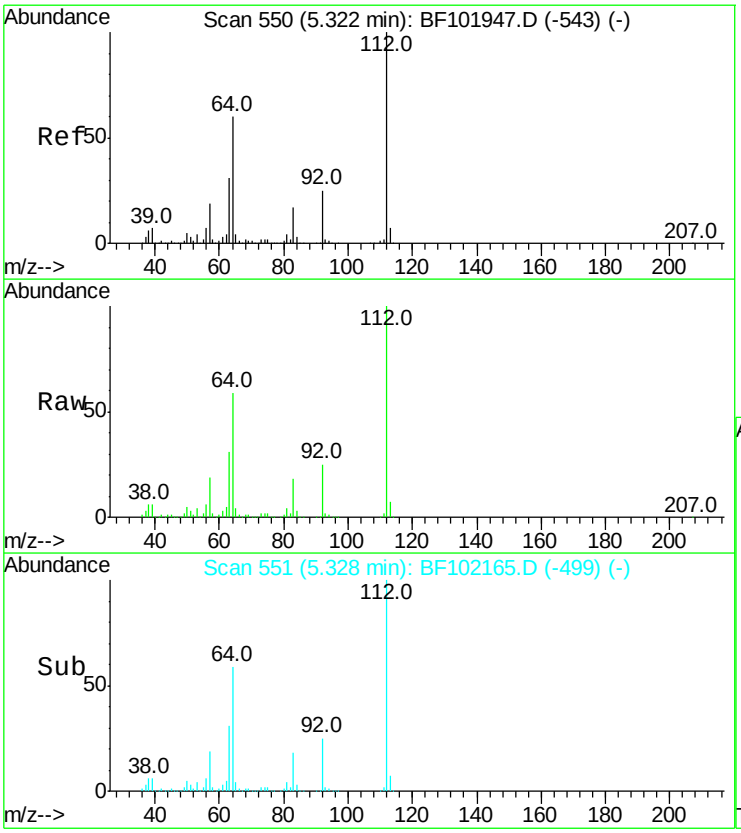
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:152 Resp: 143324

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	58.0	50.1	75.1

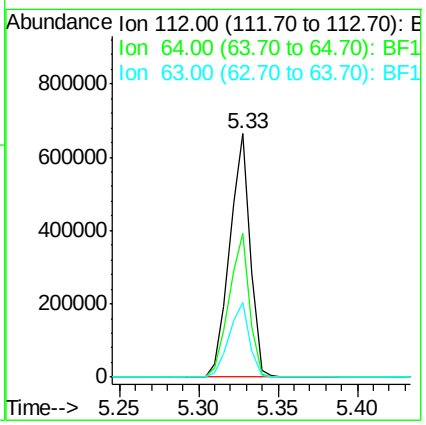


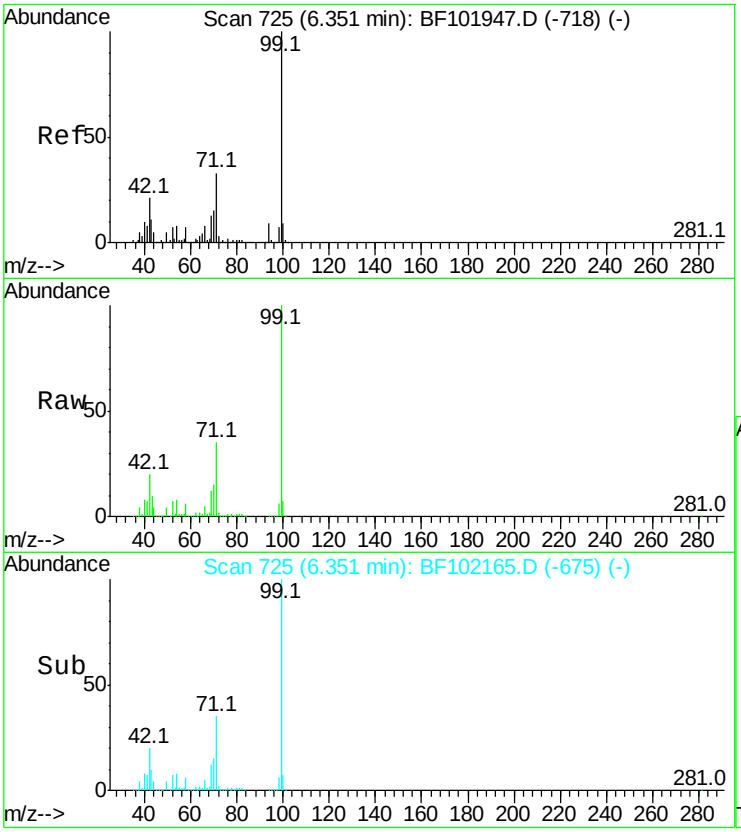


#5
2-Fluorophenol
Concen: 58.636 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:112 Resp: 595150

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.7	23.7	35.5



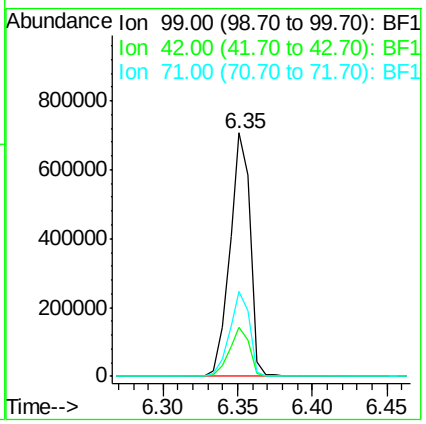


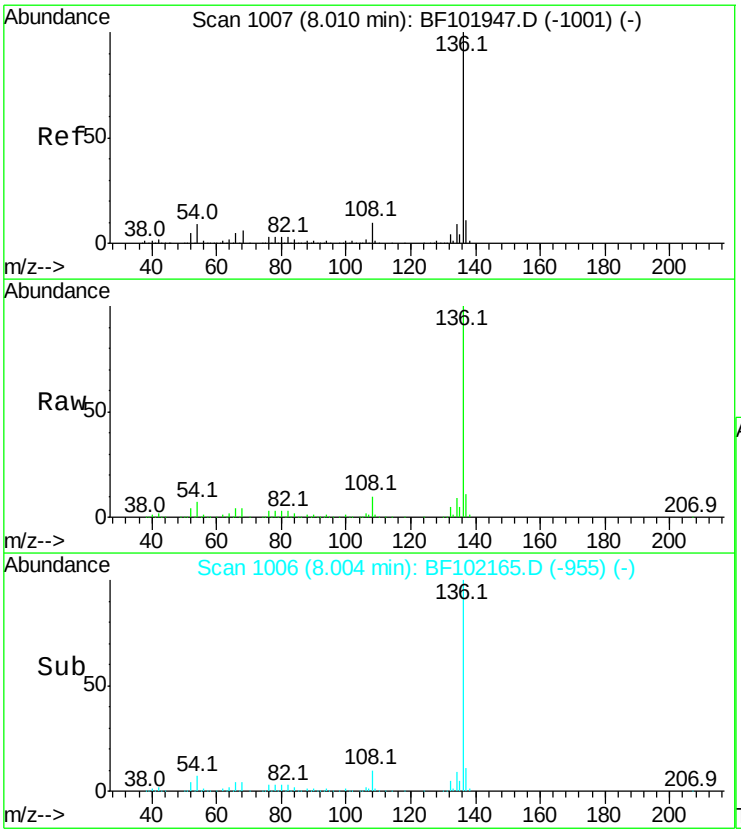
#7
Phenol-d6
Concen: 56.024 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion: 99 Resp: 678445

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	34.8	25.4	38.0

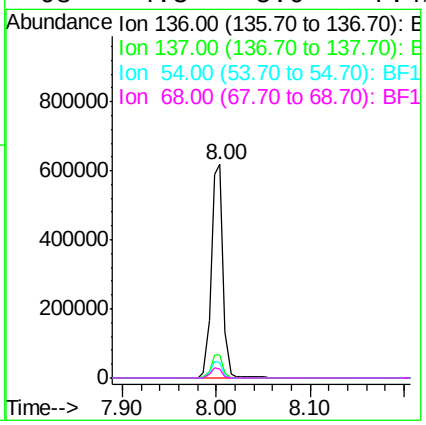


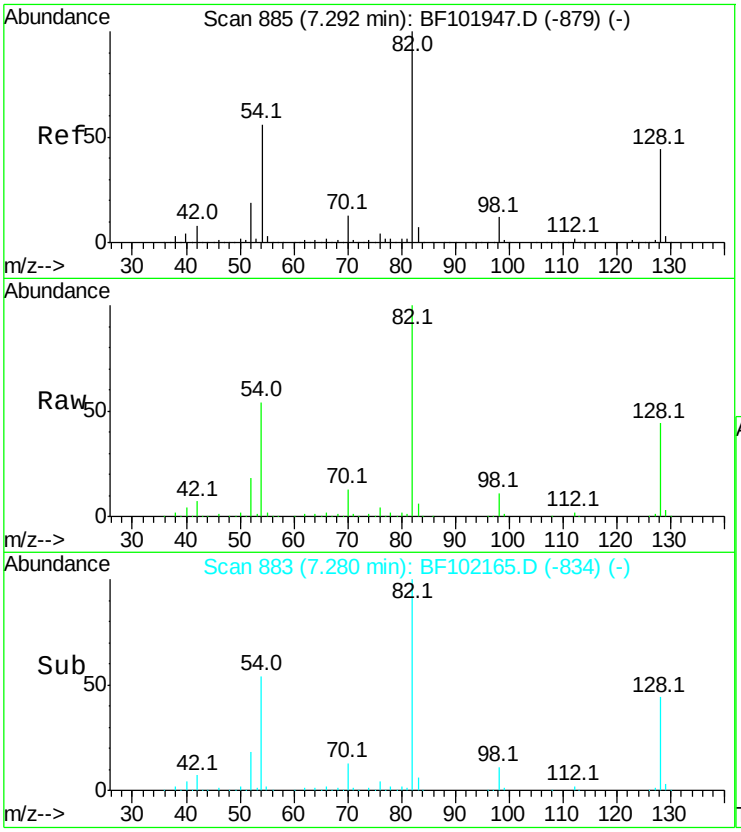


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:136 Resp: 552102

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.0	6.6	9.8
68	4.3	5.0	7.4#



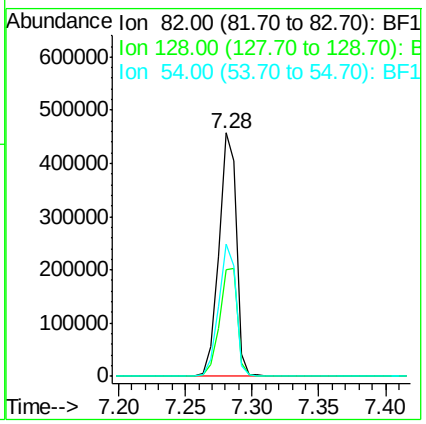


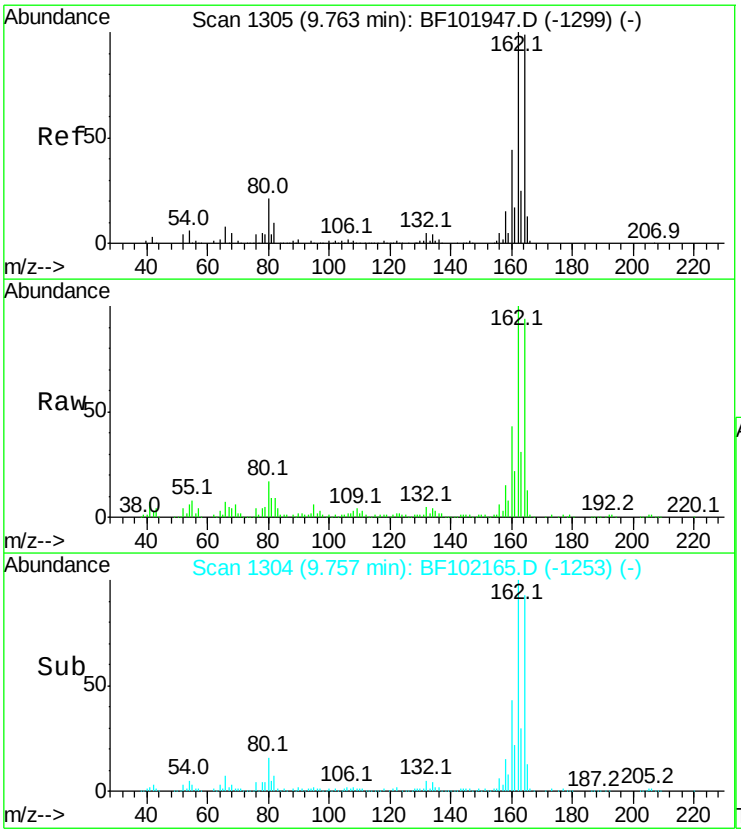
#23
Nitrobenzene-d5
Concen: 45.217 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion: 82 Resp: 424822

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	54.4	41.4	62.2

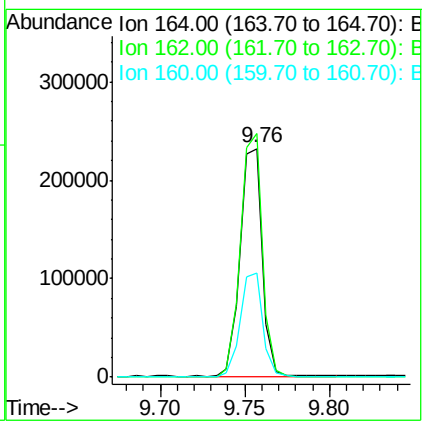


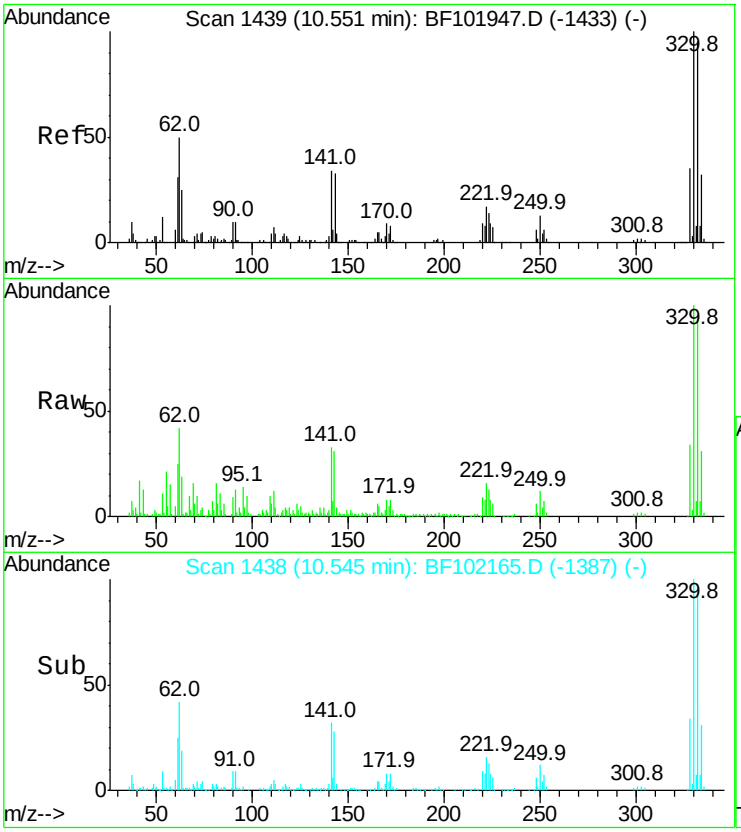


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:164 Resp: 211003

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	45.6	38.3	57.5



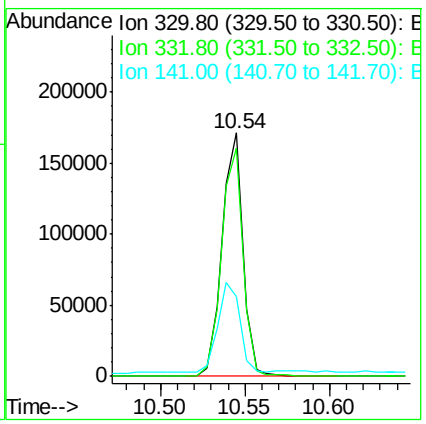


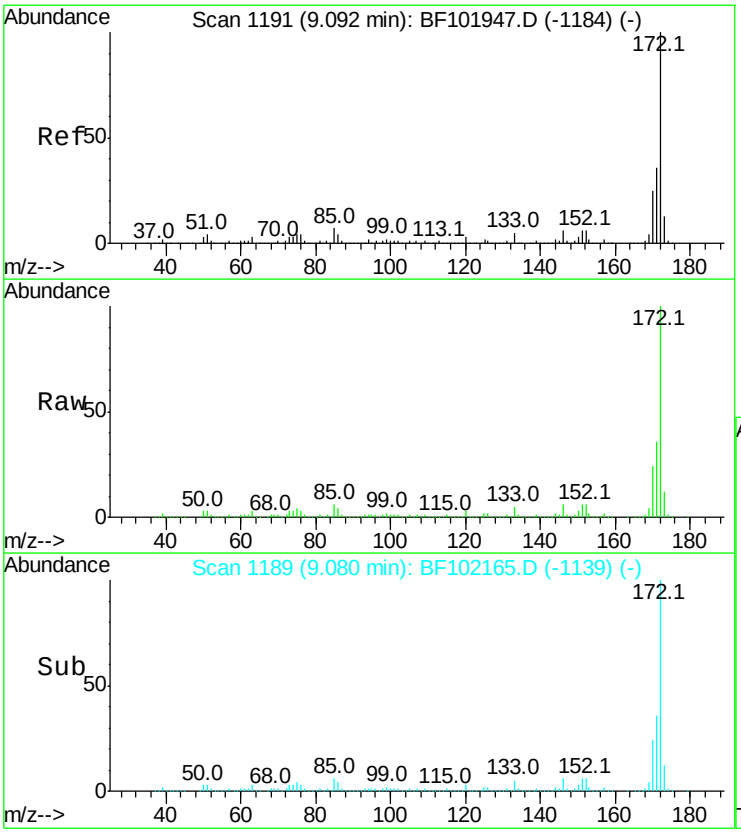
#41
2,4,6-Tribromophenol
Concen: 80.102 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:330 Resp: 147499

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.6	29.9	44.9

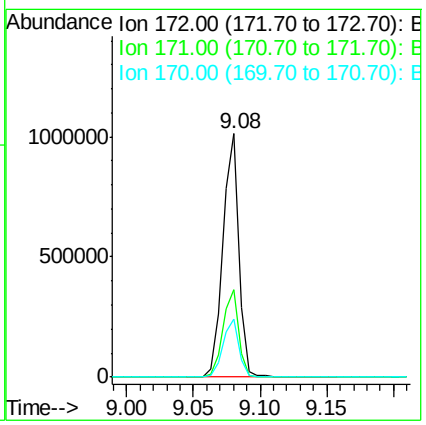


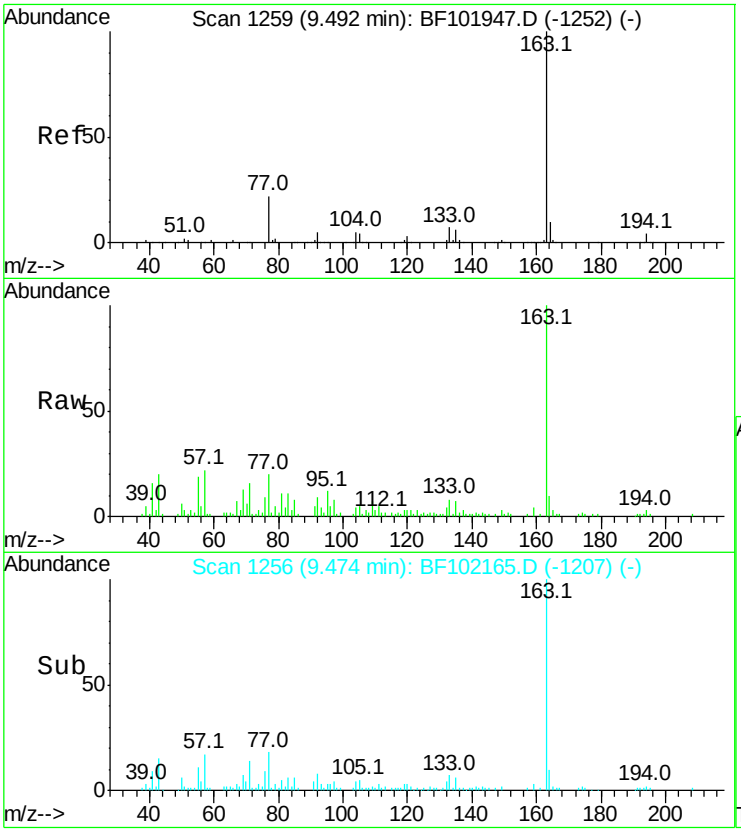


#44
2-Fluorobiphenyl
Concen: 63.840 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:172 Resp: 862240

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

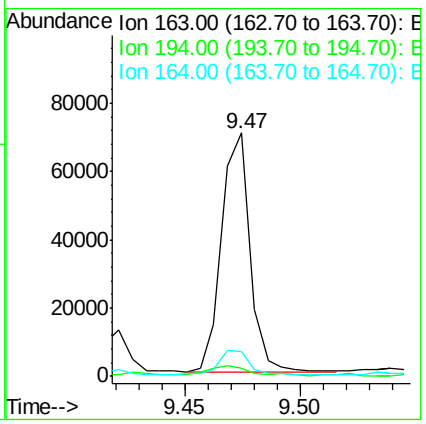




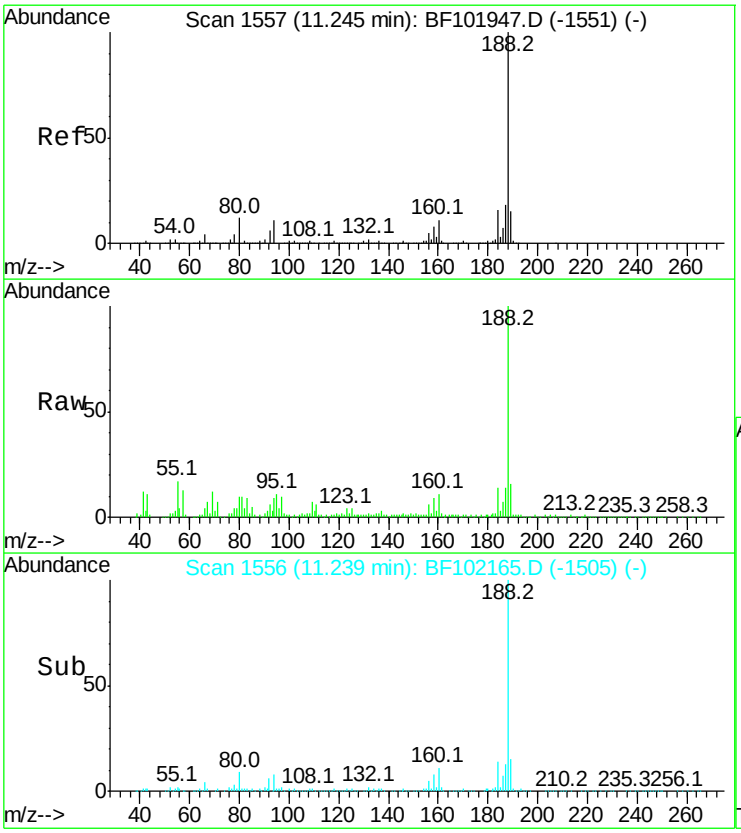
#49
Dimethylphthalate
Concen: 3.542 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:163 Resp: 59955

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2



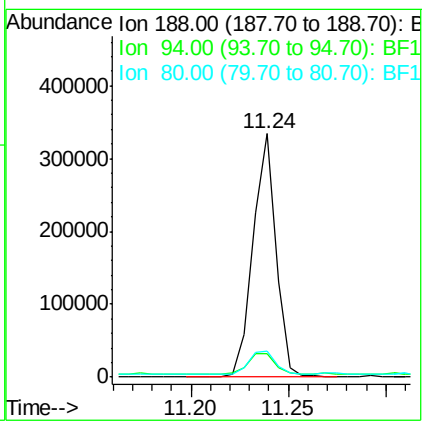
Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

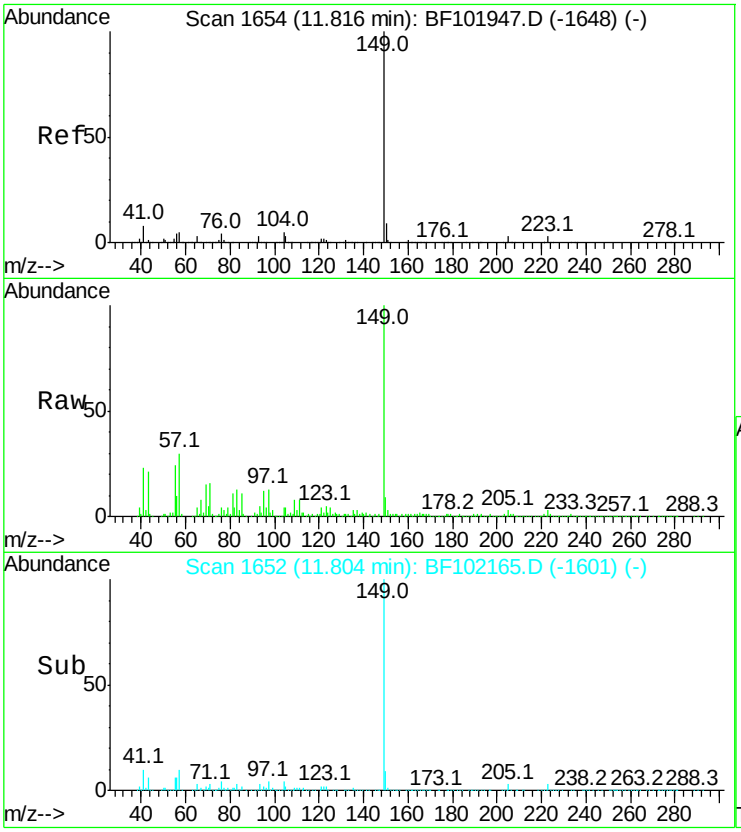


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:188 Resp: 271955

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8



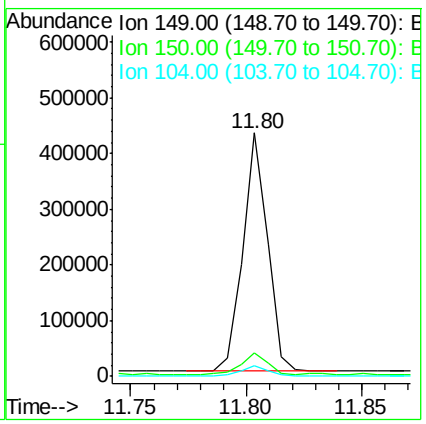


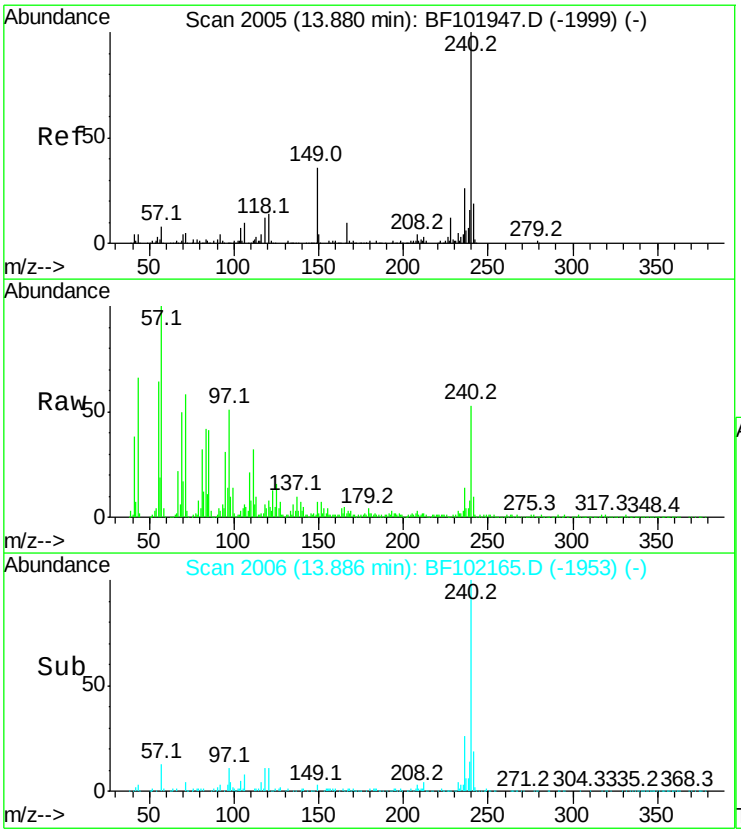
#73
Di-n-butylphthalate
Concen: 16.473 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:149 Resp: 320035

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.5	3.8	5.8

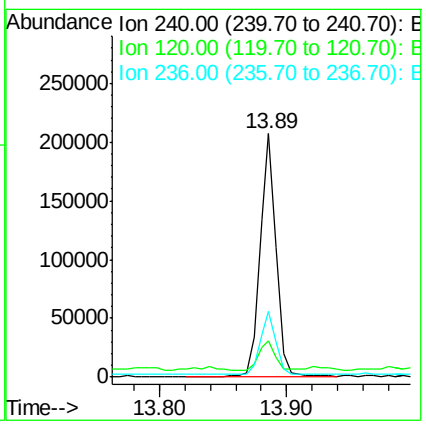


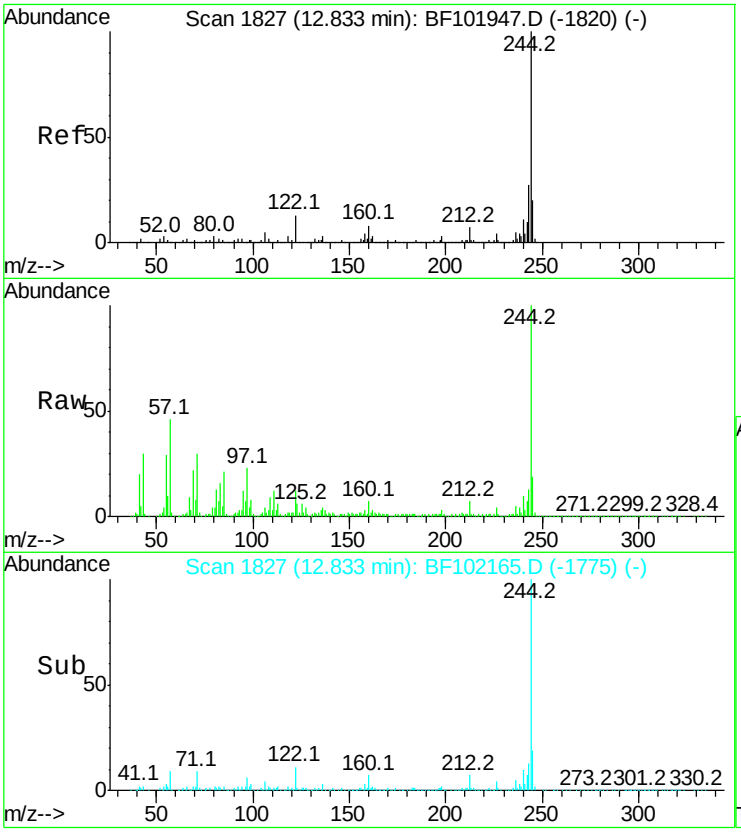


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:240 Resp: 184106

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.8	20.7	31.1



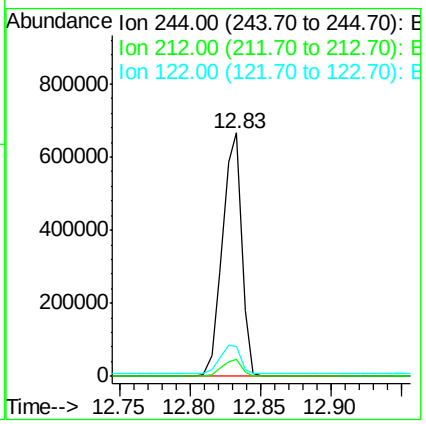


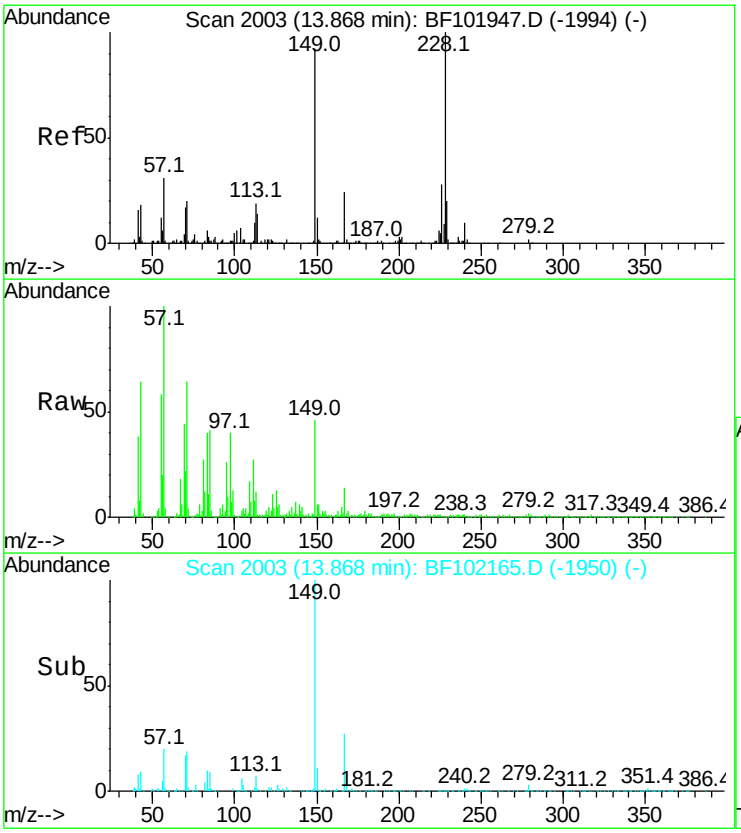
#78
Terphenyl-d14
Concen: 71.433 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:244 Resp: 633410

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.0	11.0	16.4

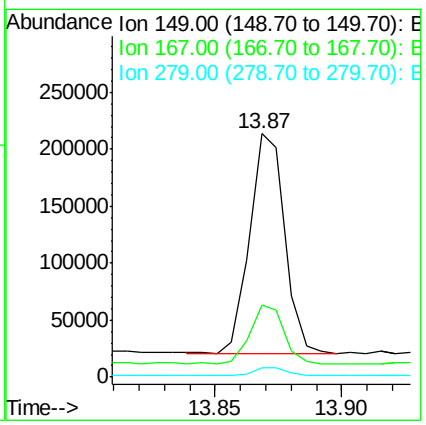


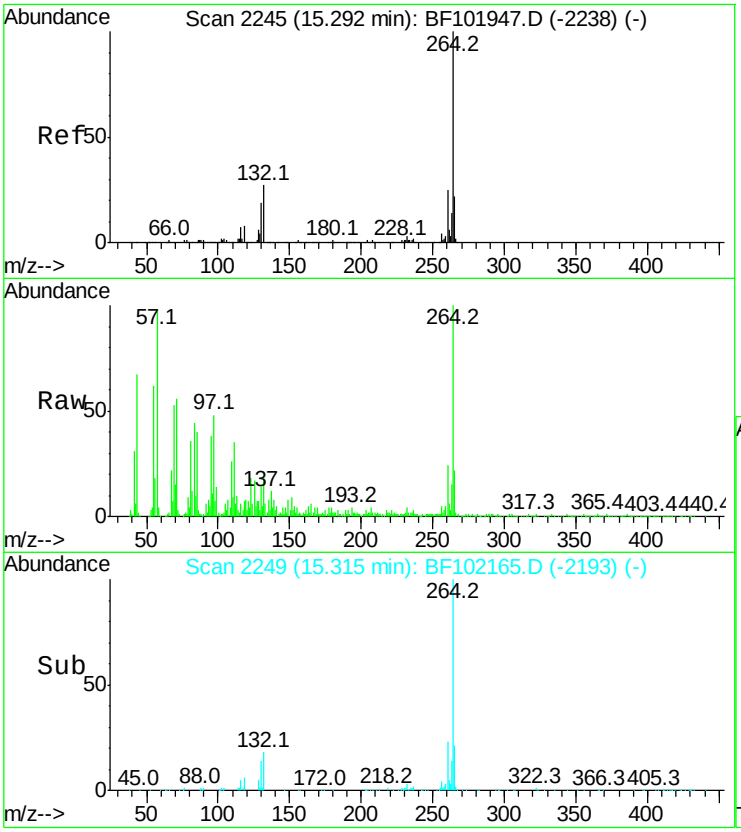


#83
Bis(2-ethylhexyl)phthalate
Concen: 21.599 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:149 Resp: 185047

Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.3	31.9
279	3.6	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.03 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:264 Resp: 224475

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.5	26.3