Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102102.D
Acq On : 16 Jan 2018 12:00
Operator : SJ/JU
Sample : J1114-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-29-2.0-2.5

Quant Time: Jan 17 00:07:36 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	214709	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	881480	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	296869	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	452739	20.00	ng	0.00
75) Chrysene-d12	13.87	240	300331	20.00	ng	-0.01
86) Perylene-d12	15.29	264	262538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1484123	97.61	ng	0.01
7) Phenol-d6	6.36	99	1812025	99.88	ng	0.00
23) Nitrobenzene-d5	7.29	82	1143182	76.21	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	281190	108.54	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1555153	81.84	ng	-0.01
78) Terphenyl-d14	12.82	244	916784	63.38	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.37	94	49669	2.423	ng	95
49) Dimethylphthalate	9.47	163	108657	4.563	ng	99

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

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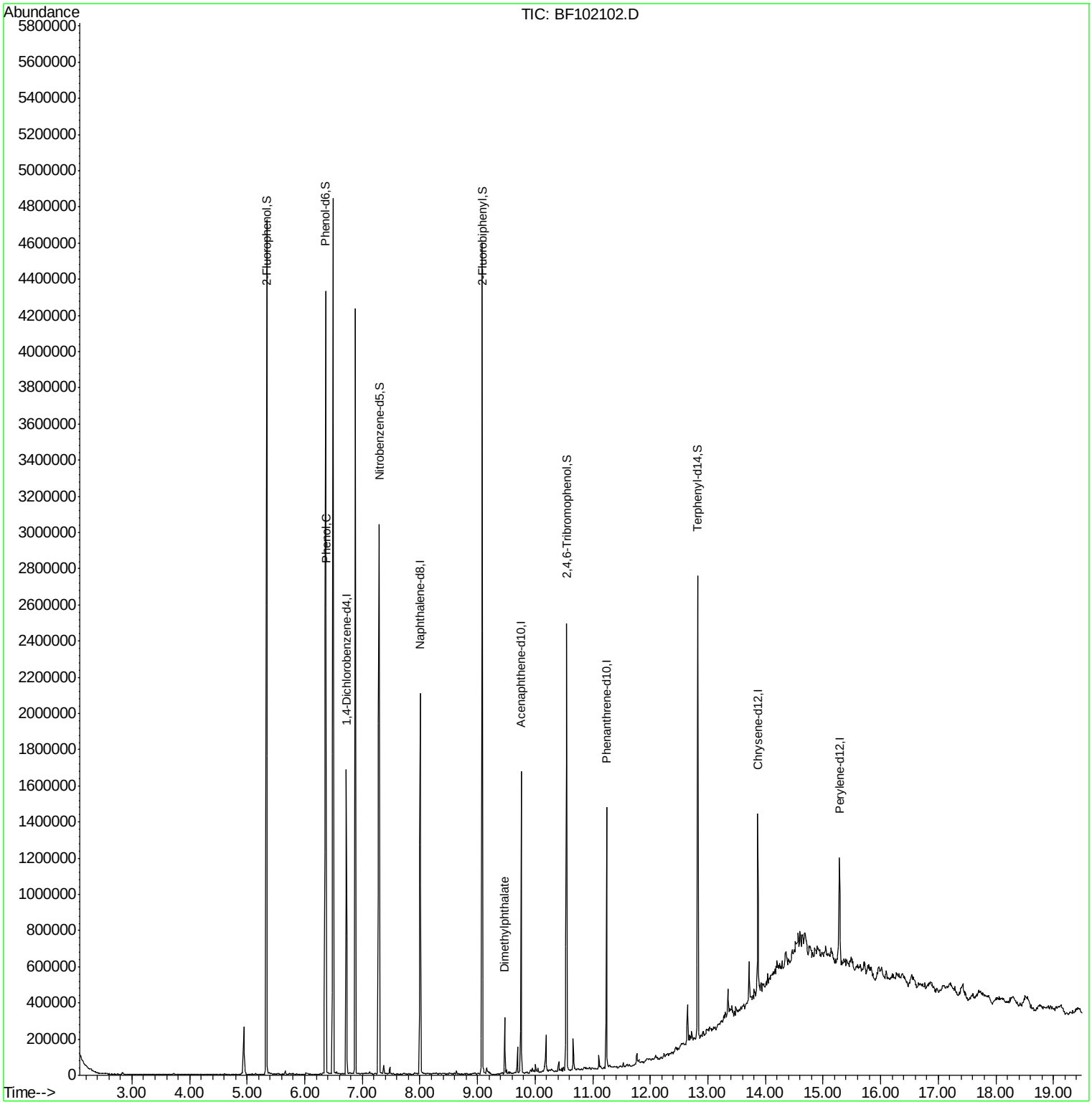
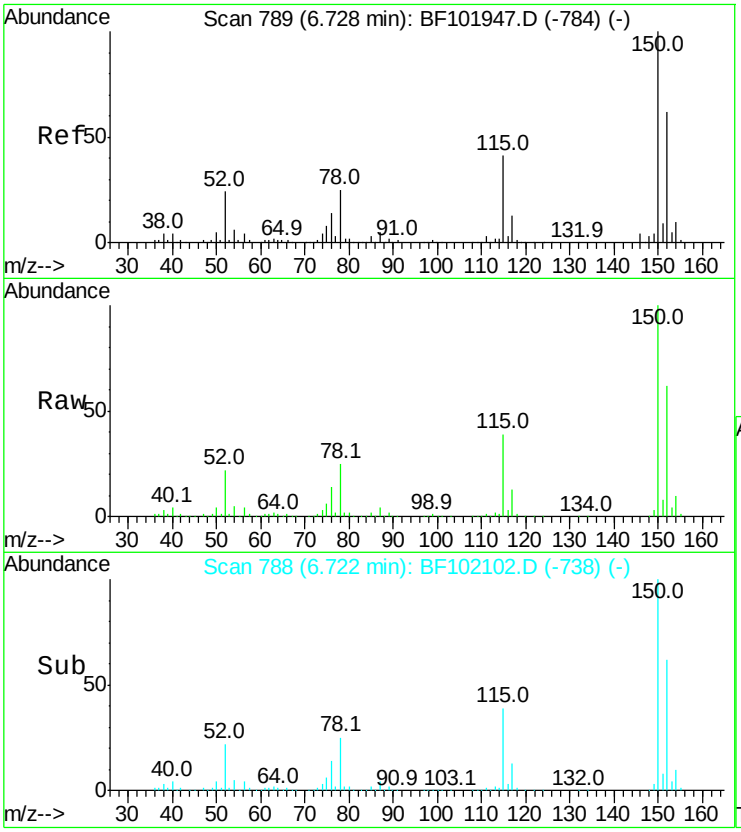


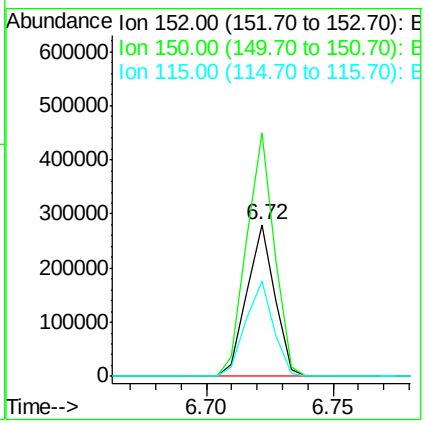


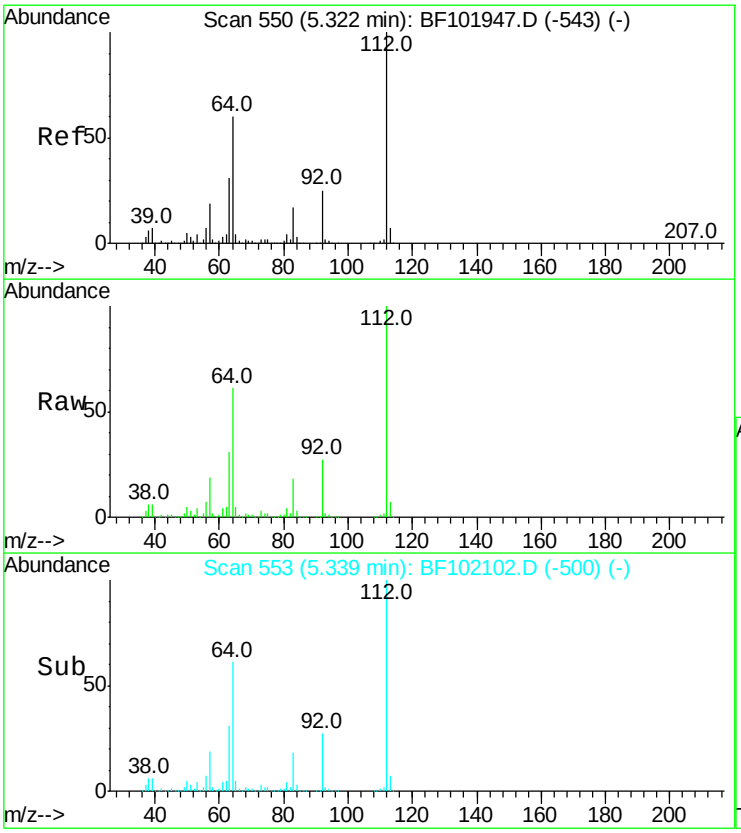
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tgt Ion:152 Resp: 214709

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	63.0	50.1	75.1

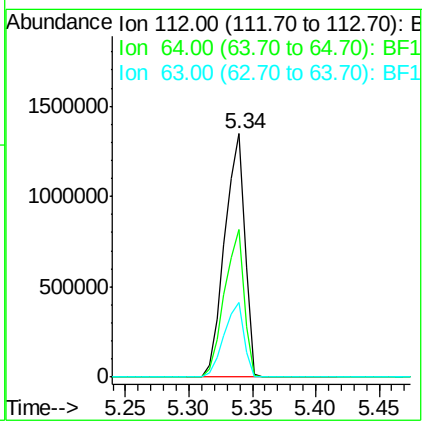


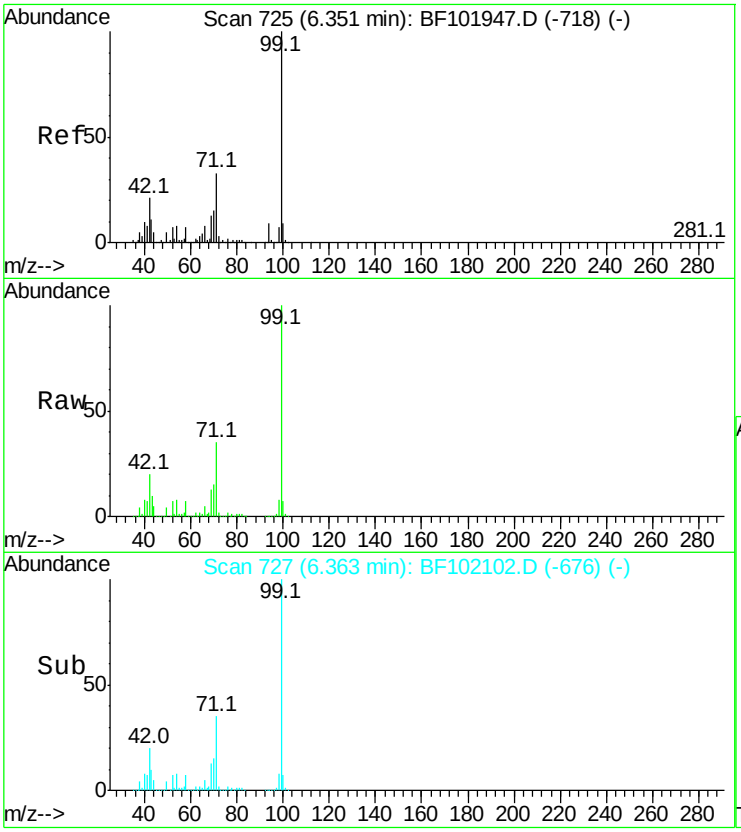


#5
2-Fluorophenol
Concen: 97.607 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion:112 Resp: 1484123

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.7	23.7	35.5



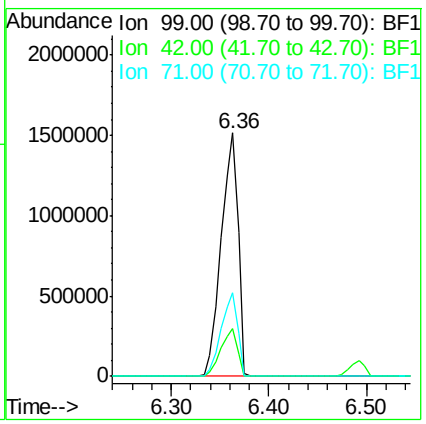


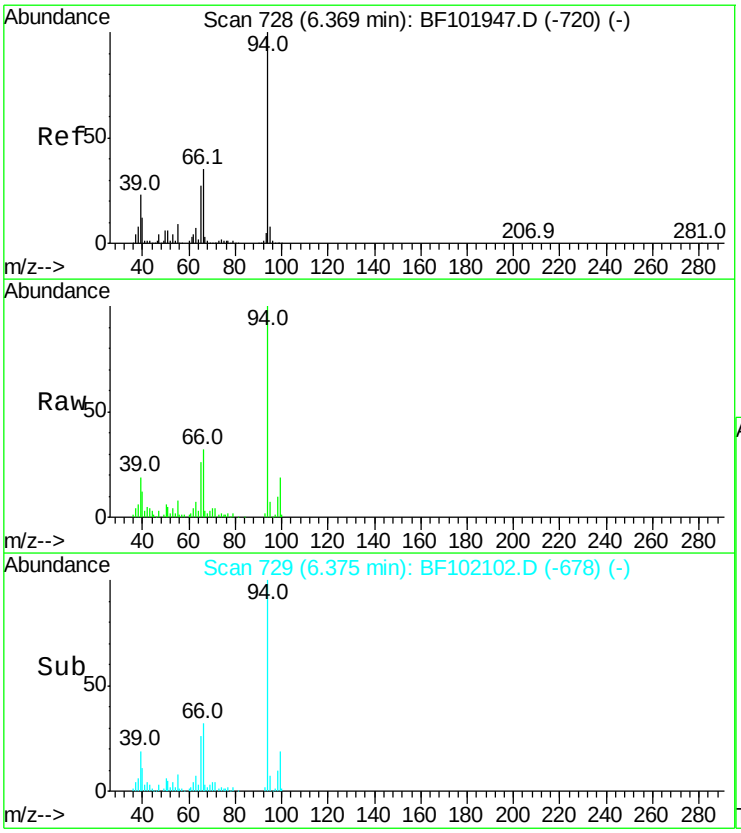
#7
Phenol-d6
Concen: 99.884 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tgt Ion: 99 Resp: 1812025

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	34.6	25.4	38.0

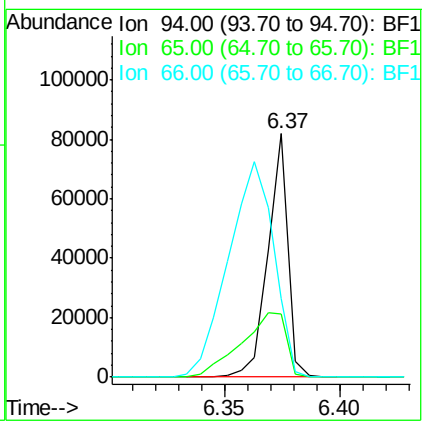


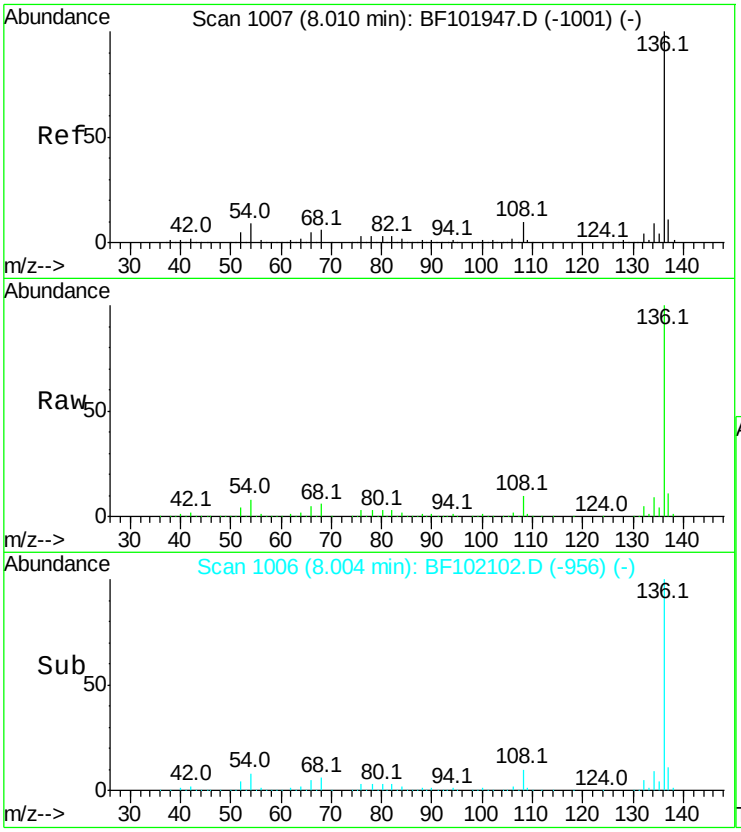


#10
Phenol
Concen: 2.423 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion: 94 Resp: 49669

Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	32.3	16.2	56.2



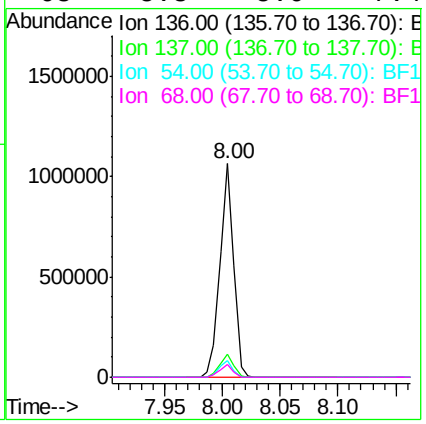


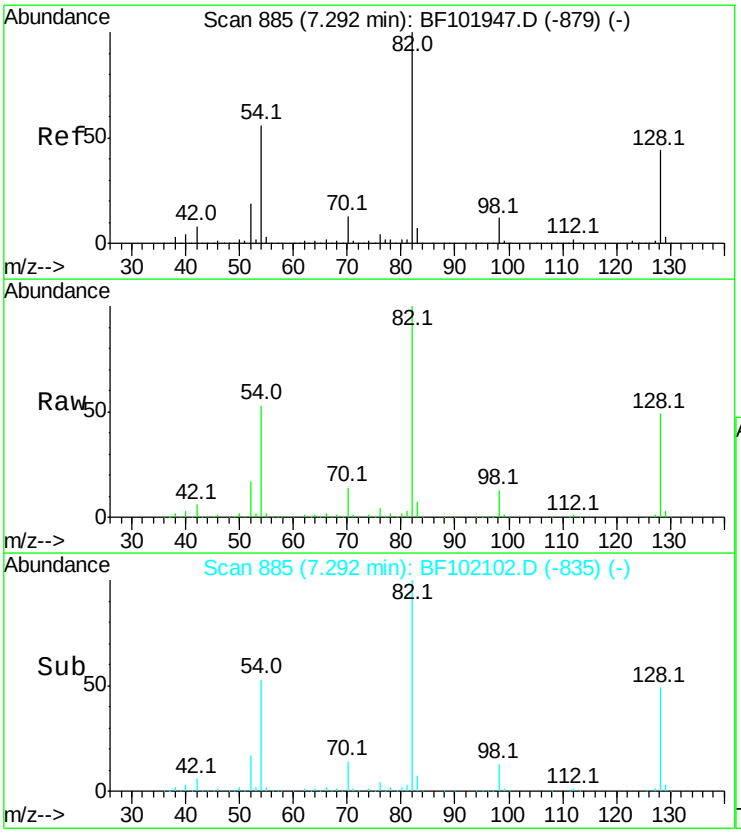
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tgt Ion:136 Resp: 881480

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	5.8	5.0	7.4

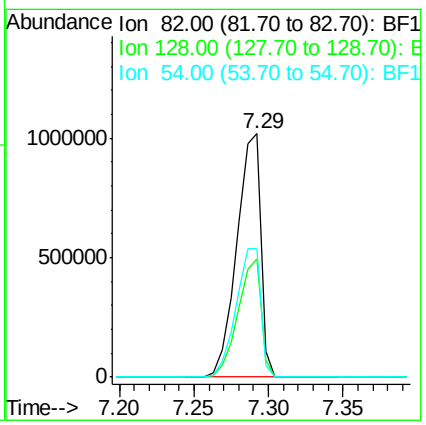


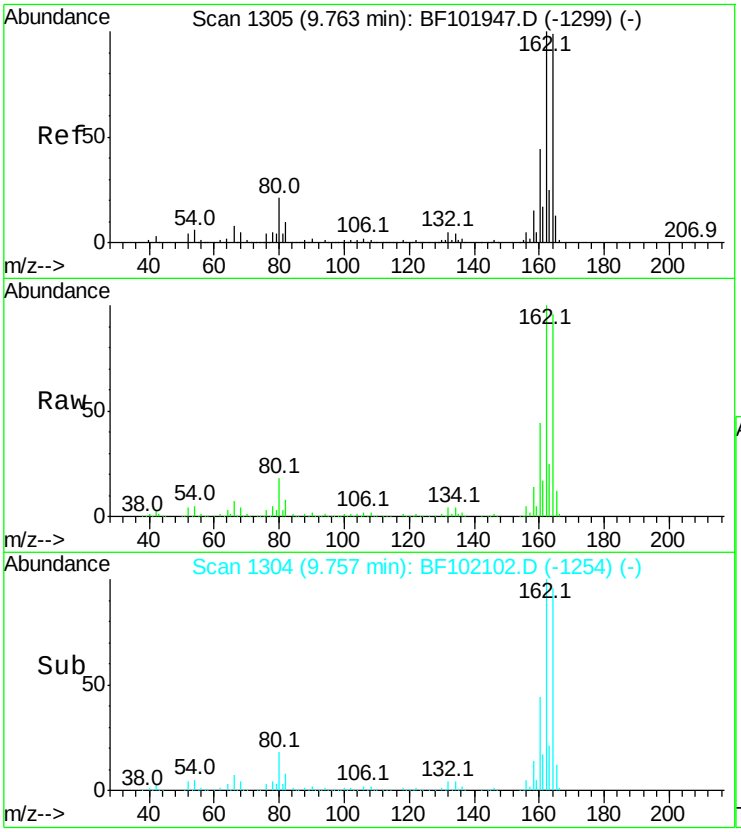


#23
Nitrobenzene-d5
Concen: 76.211 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion: 82 Resp: 1143182

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	52.6	41.4	62.2



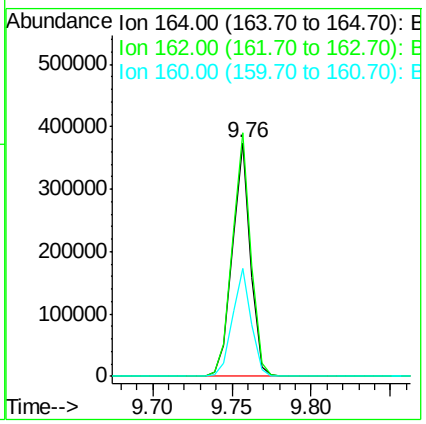


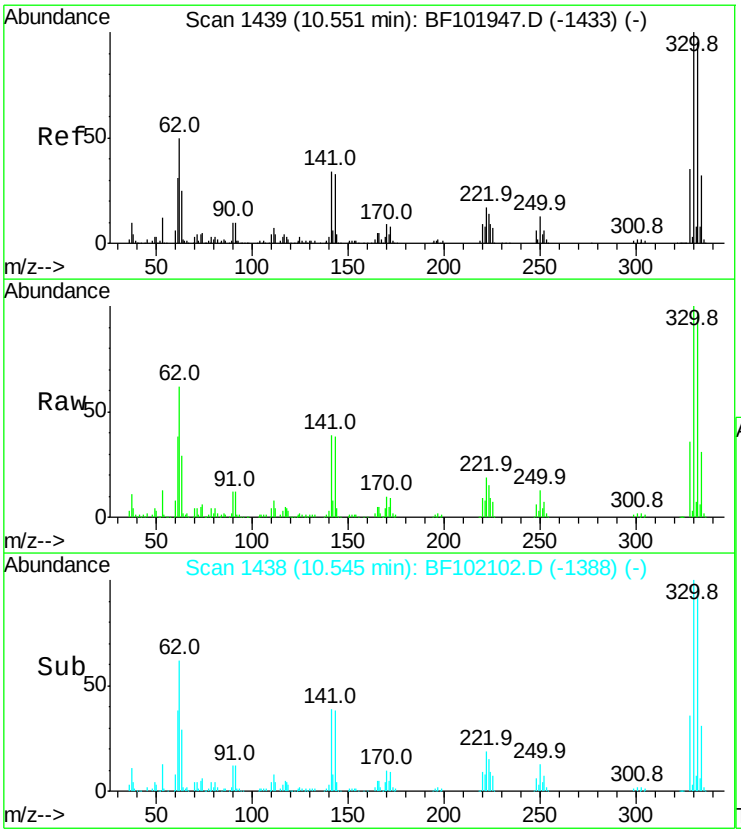
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tgt Ion:164 Resp: 296869

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.1	38.3	57.5

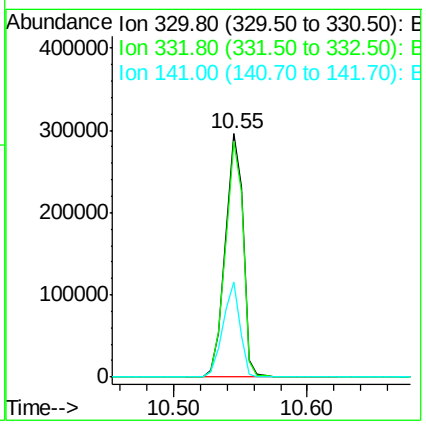


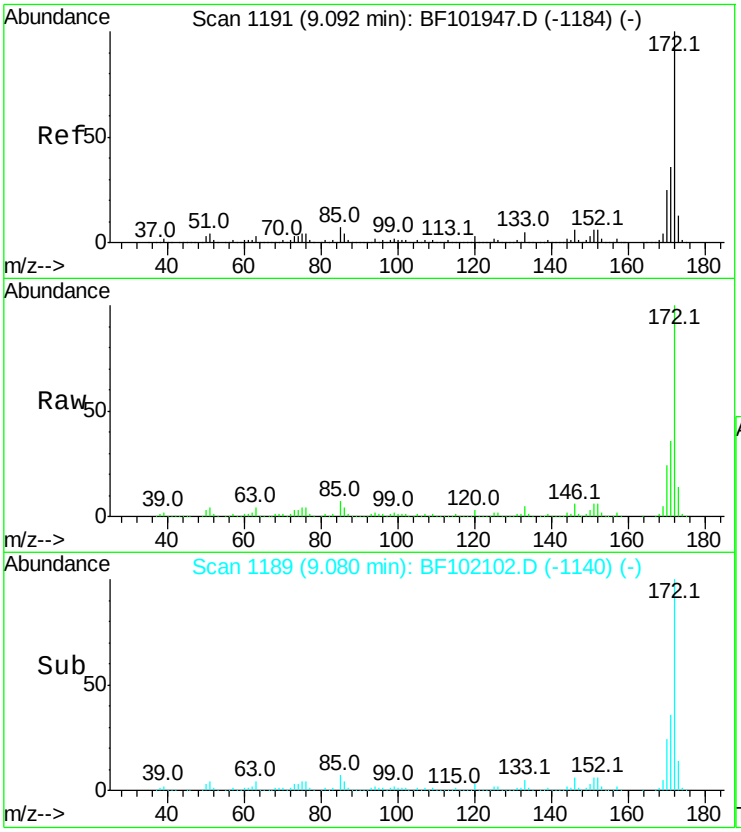


#41
2,4,6-Tribromophenol
Concen: 108.537 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion:330 Resp: 281190

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.5	29.9	44.9



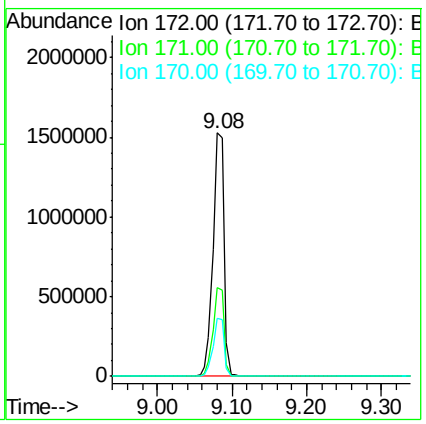


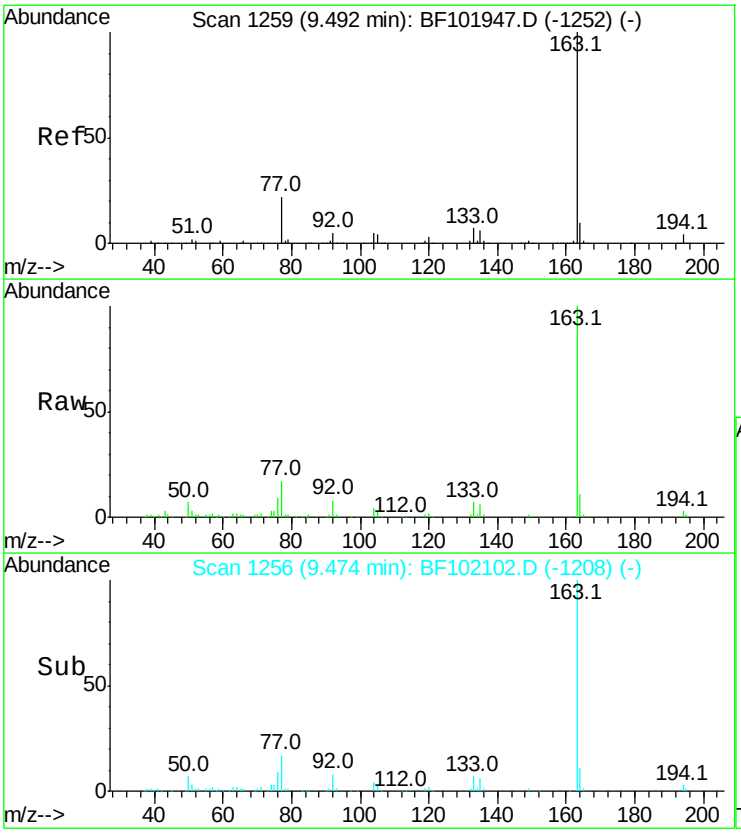
#44
2-Fluorobiphenyl
Concen: 81.840 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tgt Ion:172 Resp: 1555153

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

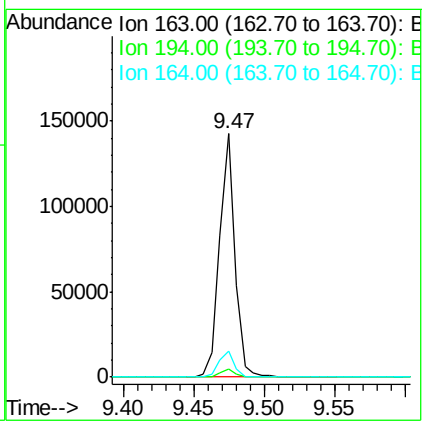


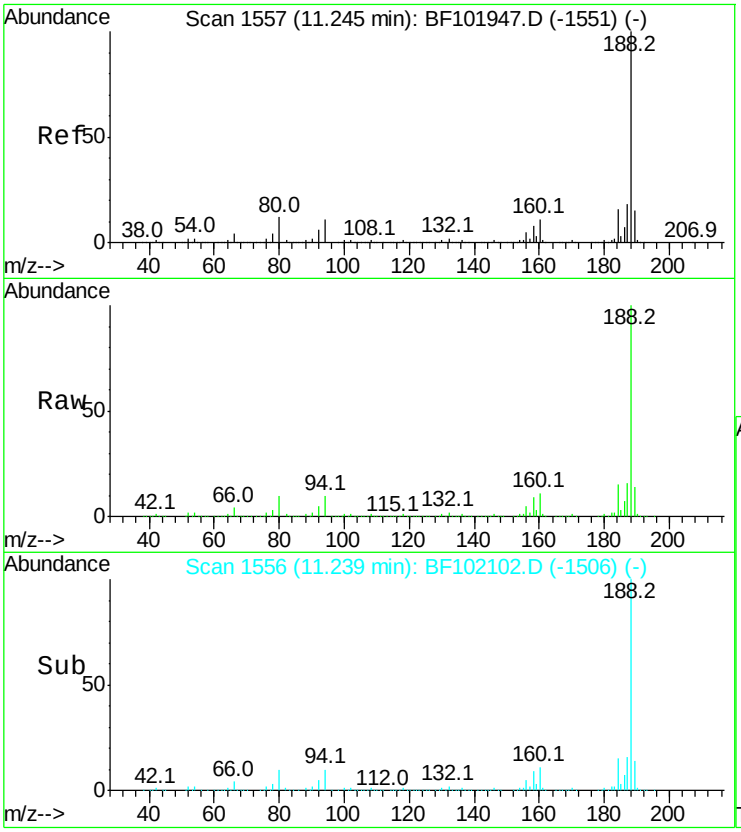


#49
Dimethylphthalate
Concen: 4.563 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion:163 Resp: 108657

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.7	8.2	12.2



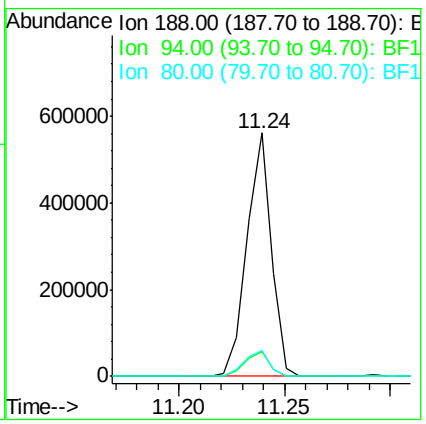


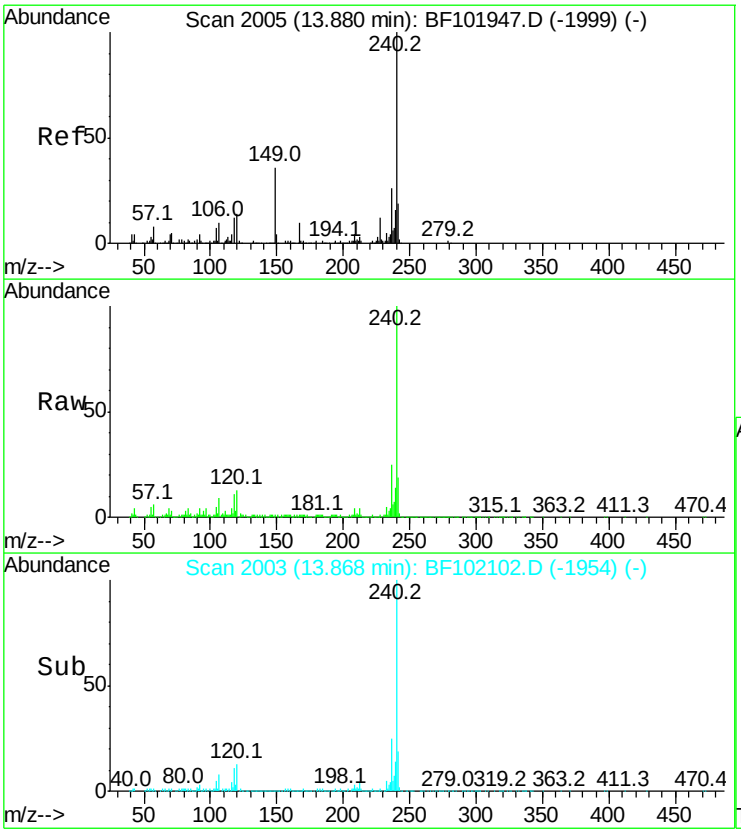
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tgt Ion:188 Resp: 452739

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8

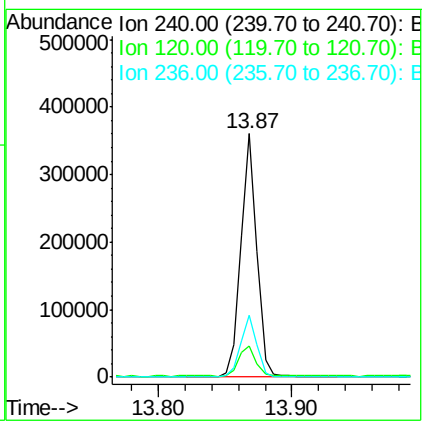


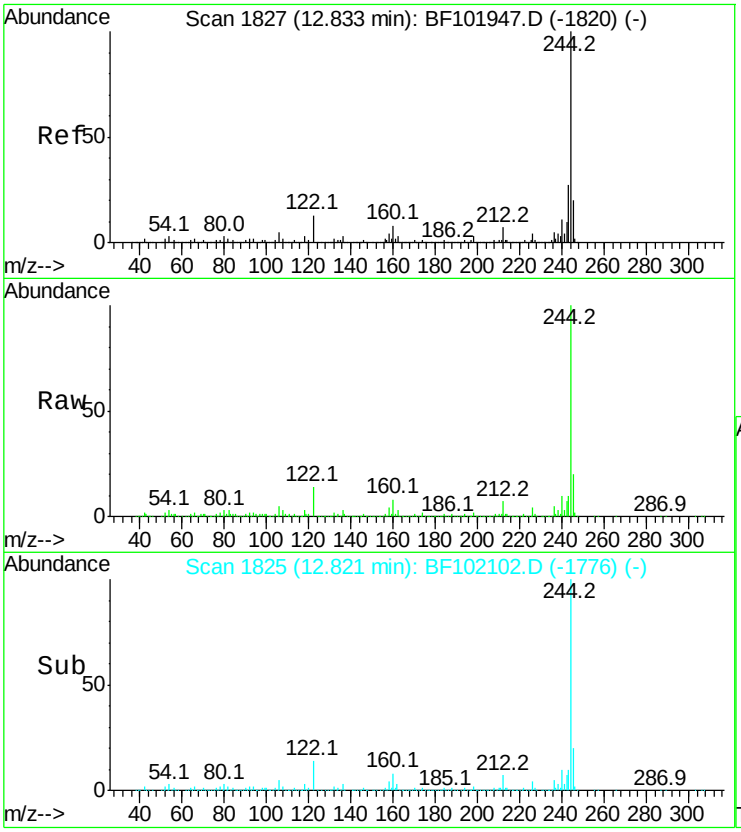


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion:240 Resp: 300331

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.2	20.7	31.1



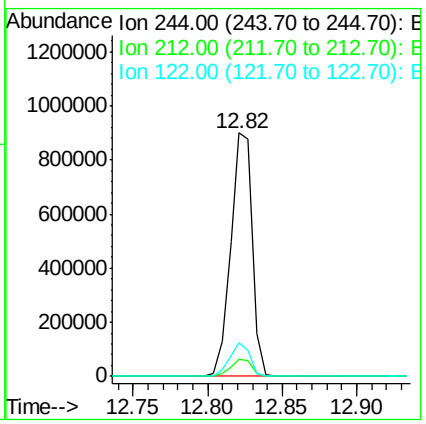


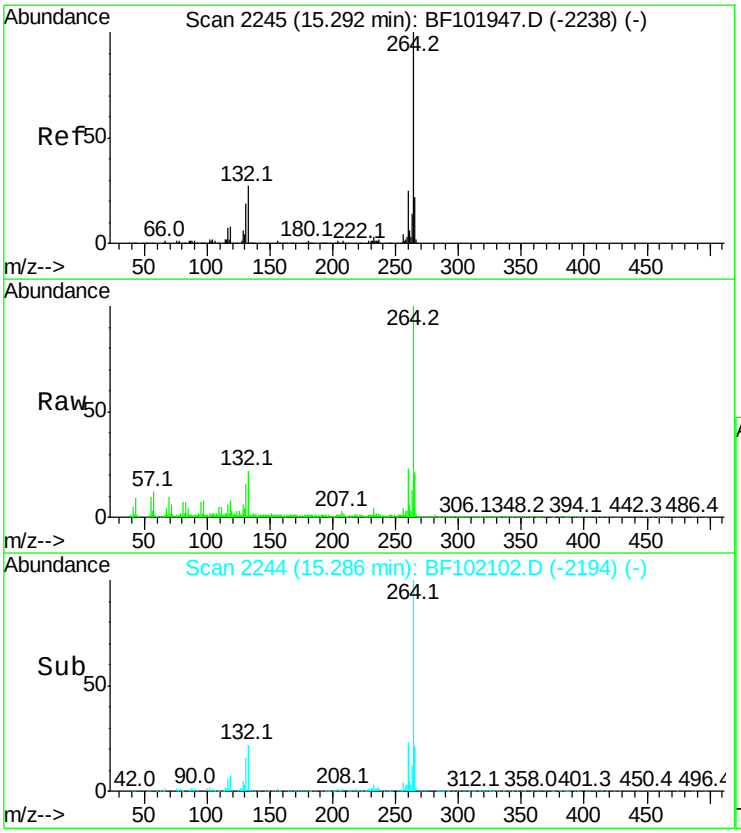
#78
Terphenyl-d14
Concen: 63.380 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Instrument :
BNA_F
ClientSampleId :
SB-29-2.0-2.5

Tgt Ion:244 Resp: 916784

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102102.D
Acq: 16 Jan 2018 12:00

Tgt Ion:264 Resp: 262538

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3