Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102119.D
Acq On : 16 Jan 2018 19:42
Operator : SJ/JU
Sample : J1115-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-35-2.5-3.0

Quant Time: Jan 17 02:57:07 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	174854	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	713066	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	311987	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	511491	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	304286	20.00	ng	-0.02
86) Perylene-d12	15.28	264	304568	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1203212	97.17	ng	0.01
7) Phenol-d6	6.36	99	1452456	98.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	928830	76.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	311562	114.43	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1445107	72.36	ng	-0.01
78) Terphenyl-d14	12.82	244	1071338	73.10	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.37	94	63629	3.811	ng	97
49) Dimethylphthalate	9.47	163	266644	10.654	ng	99

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

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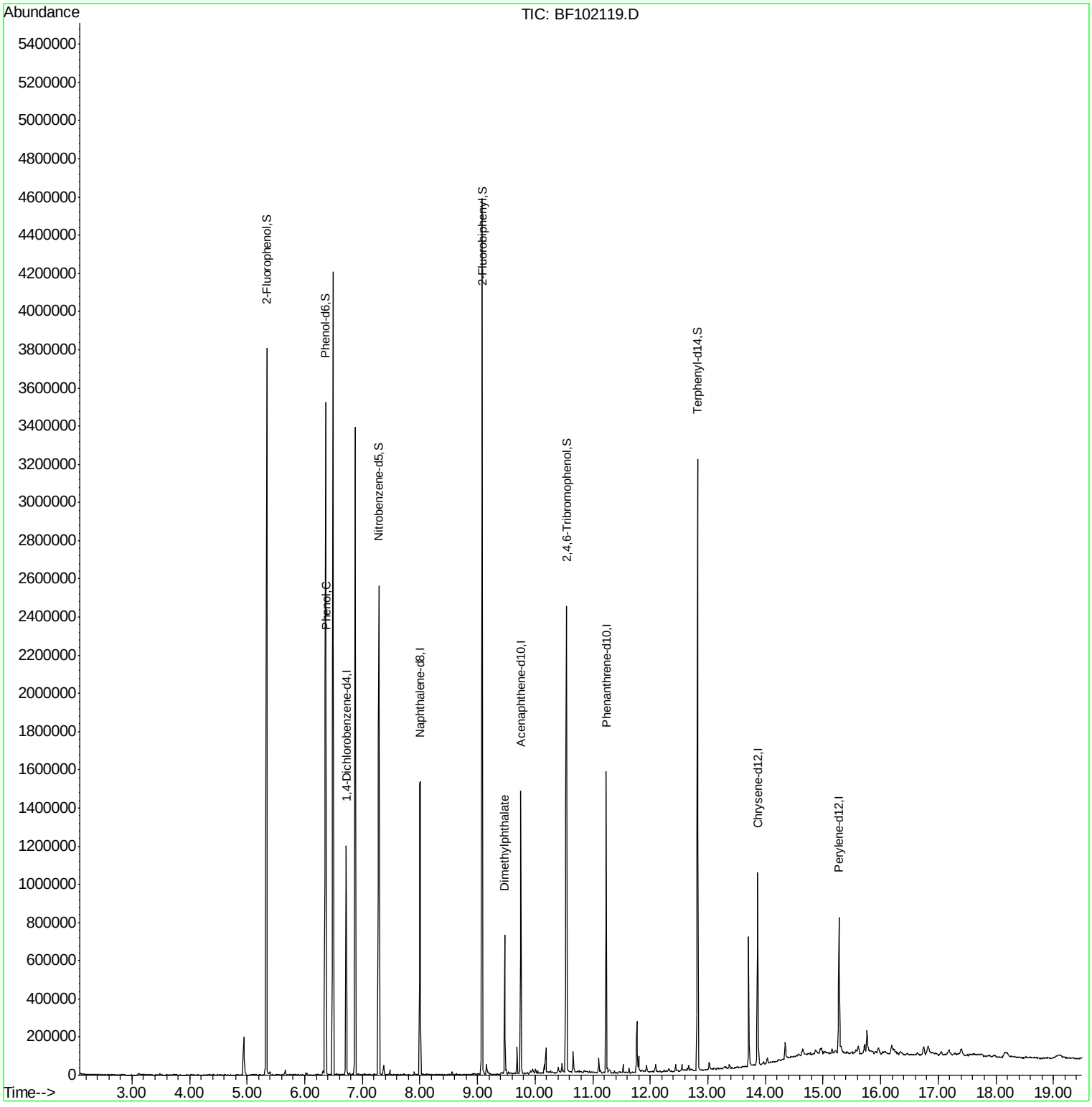
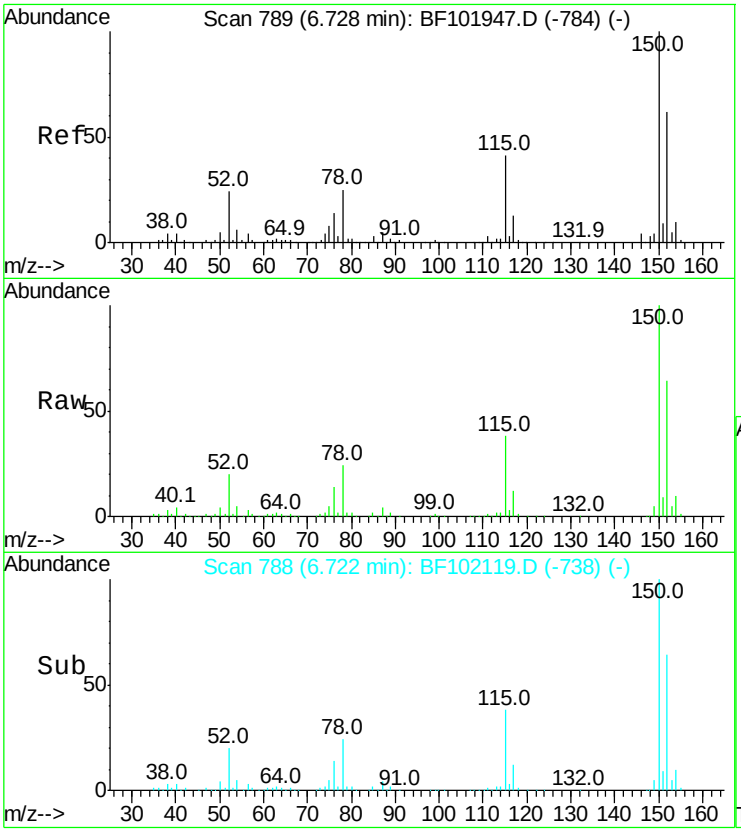


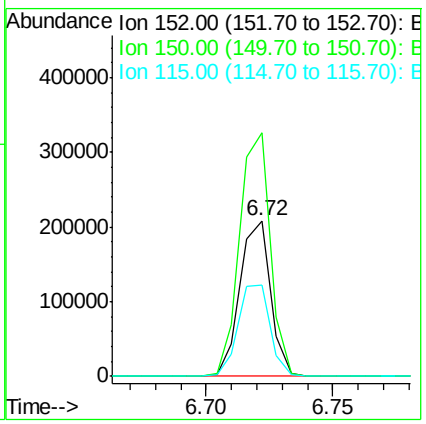


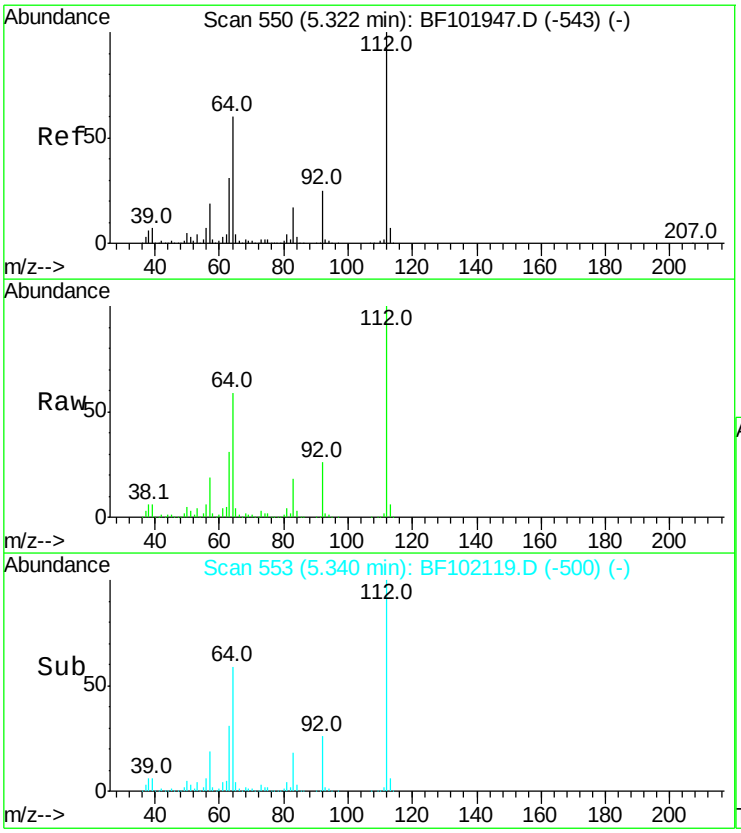
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Instrument :
BNA_F
ClientSampleId :
SB-35-2.5-3.0

Tgt Ion:152 Resp: 174854

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	58.8	50.1	75.1

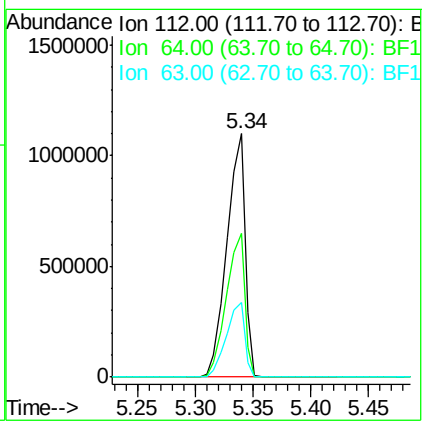


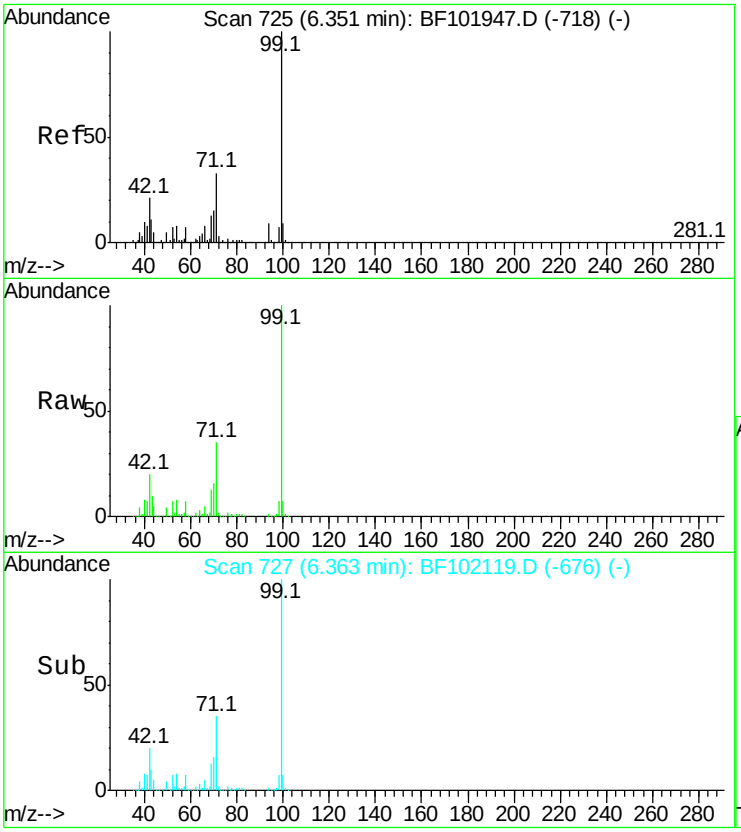


#5
2-Fluorophenol
Concen: 97.169 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Tgt Ion:112 Resp: 1203212

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.7	23.7	35.5



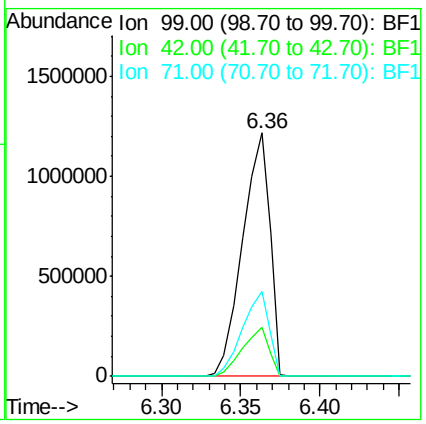


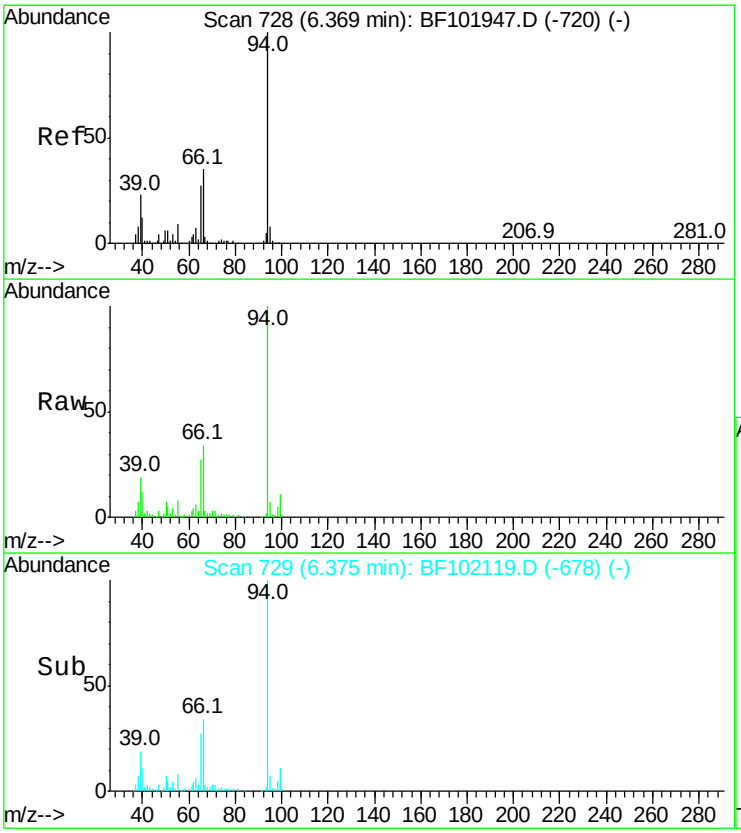
#7
Phenol-d6
Concen: 98.313 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Instrument :
BNA_F
ClientSampleId :
SB-35-2.5-3.0

Tgt Ion: 99 Resp: 1452456

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	34.9	25.4	38.0

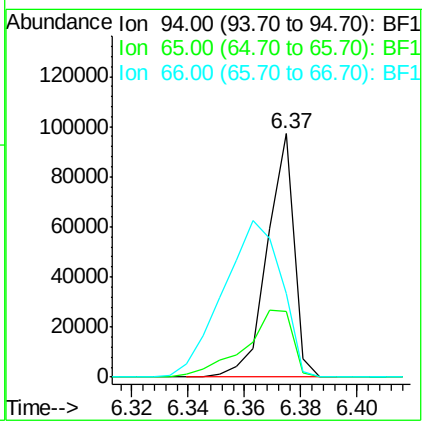


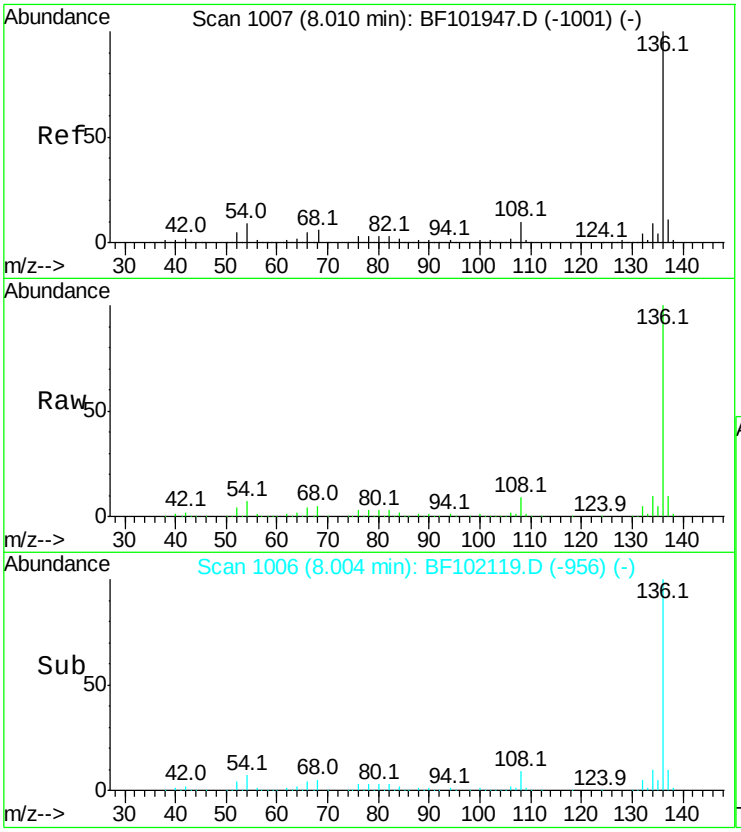


#10
Phenol
Concen: 3.811 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Tgt Ion: 94 Resp: 63629

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.9	47.9
66	34.5	16.2	56.2



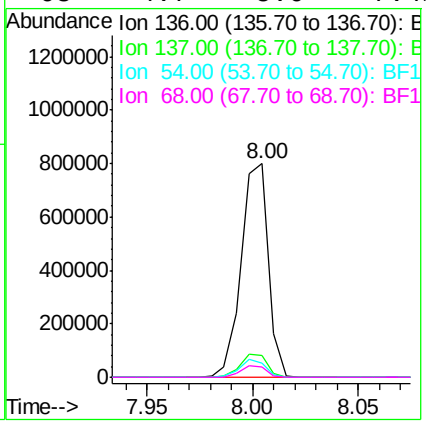


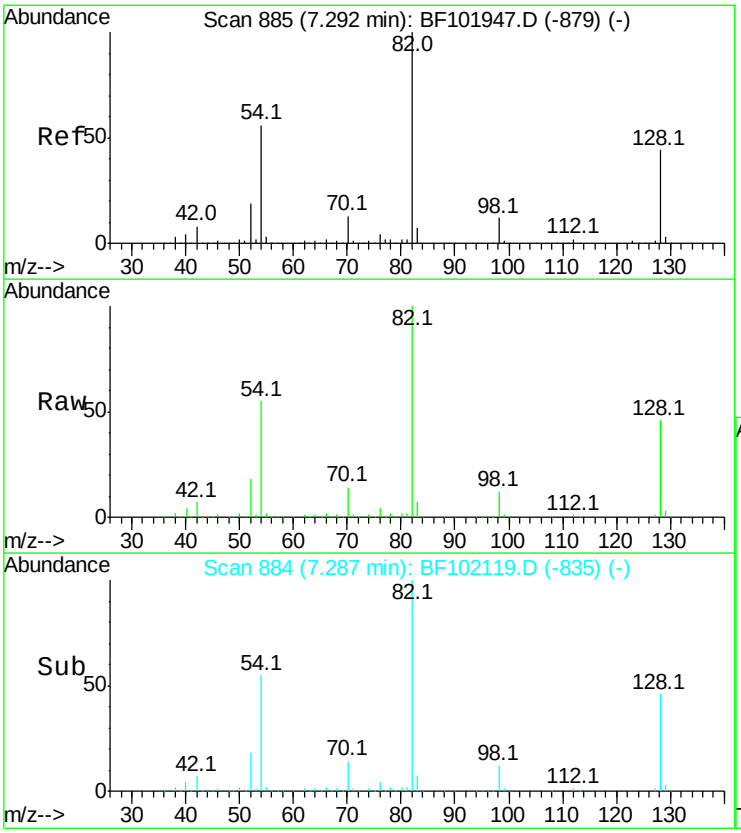
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Instrument :
BNA_F
ClientSampleId :
SB-35-2.5-3.0

Tgt Ion:136 Resp: 713066

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.9	6.6	9.8
68	4.7	5.0	7.4#

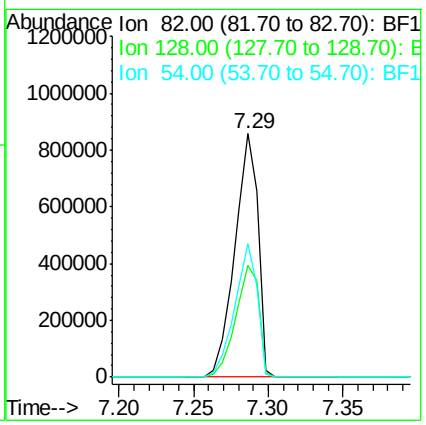


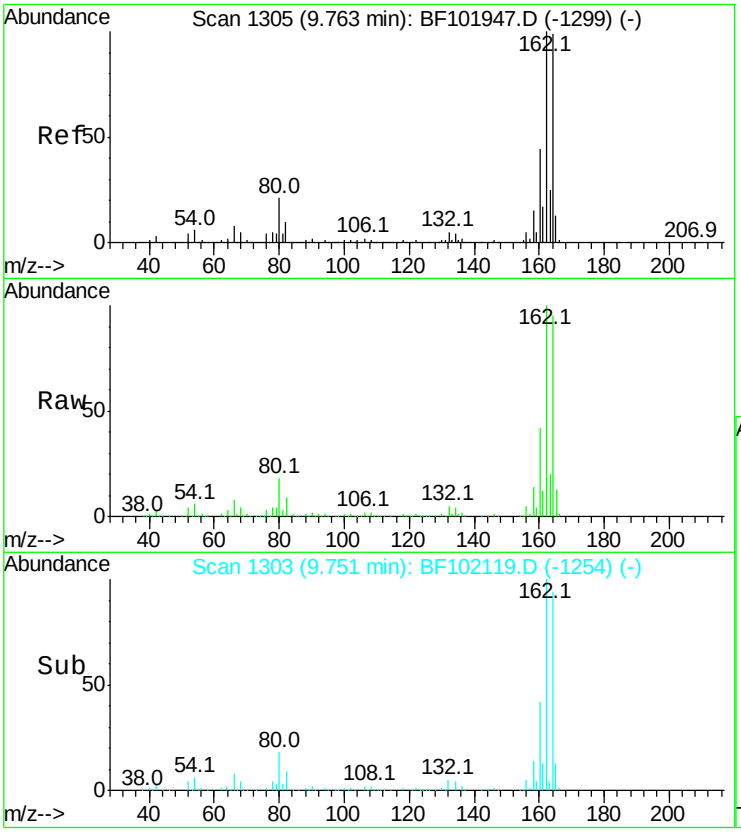


#23
Nitrobenzene-d5
Concen: 76.545 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Tgt Ion: 82 Resp: 928830

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.7	41.4	62.2



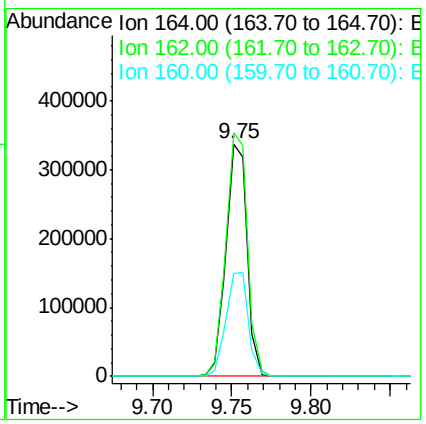


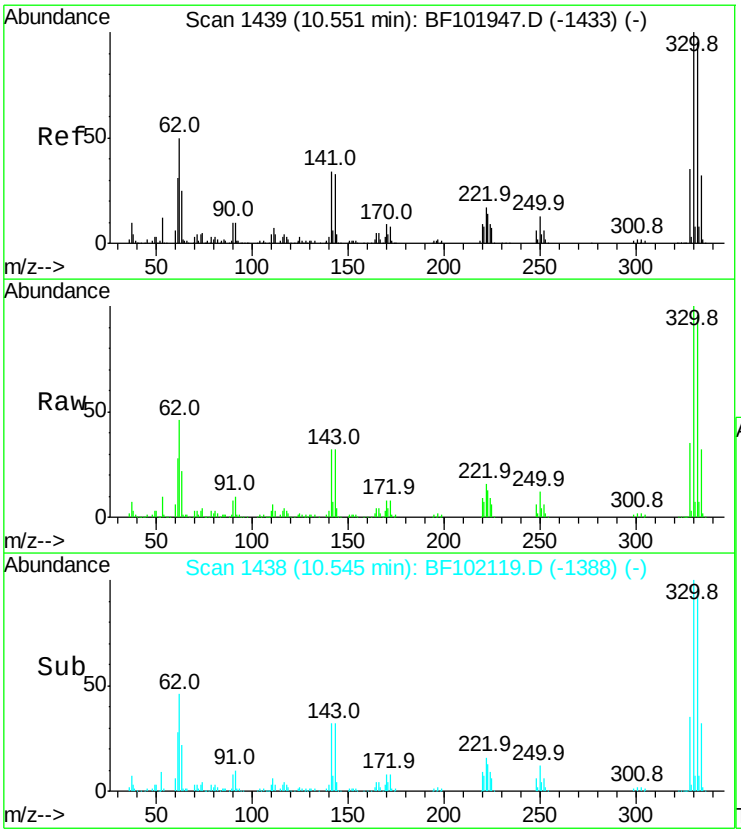
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Instrument :
BNA_F
ClientSampleId :
SB-35-2.5-3.0

Tgt Ion:164 Resp: 311987

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	44.3	38.3	57.5

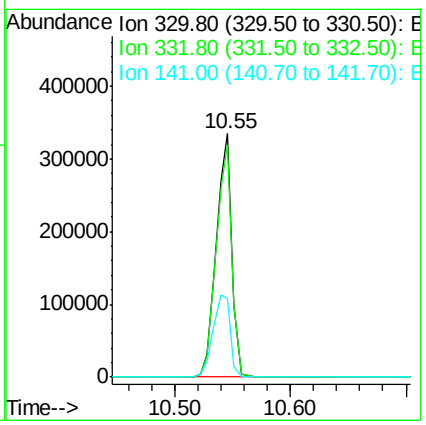


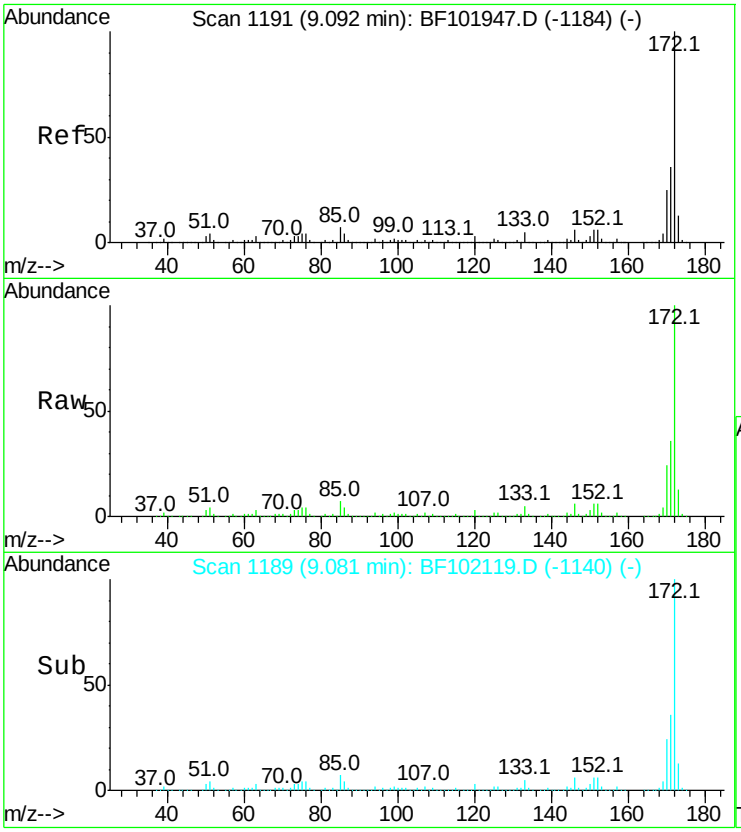


#41
2,4,6-Tribromophenol
Concen: 114.433 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Tgt Ion:330 Resp: 311562

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.7	29.9	44.9



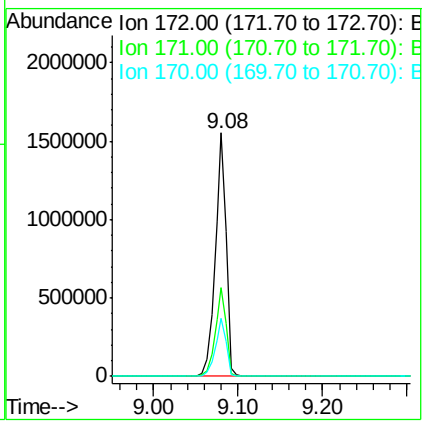


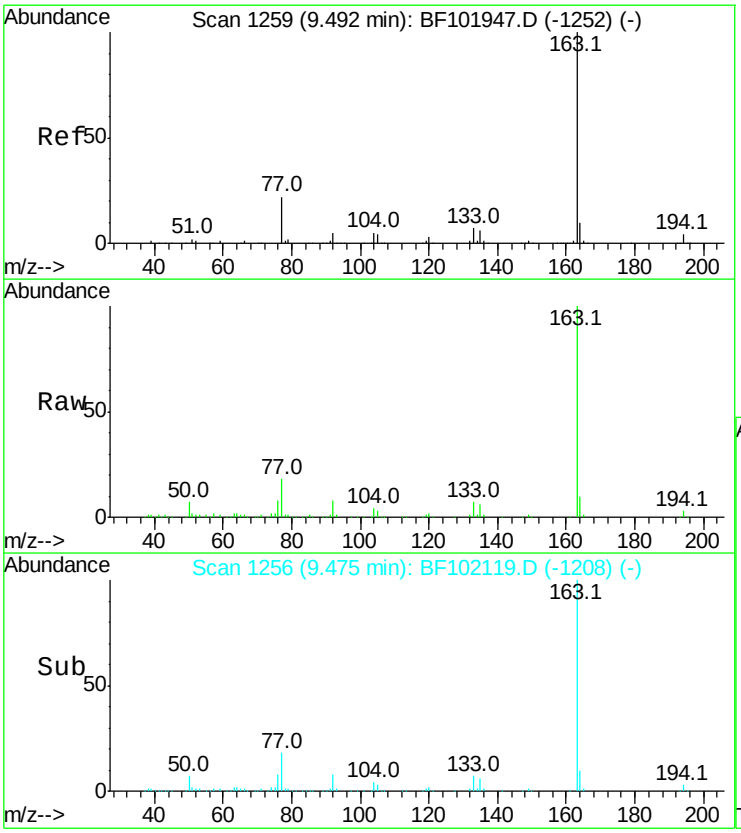
#44
2-Fluorobiphenyl
Concen: 72.364 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Instrument :
BNA_F
ClientSampleId :
SB-35-2.5-3.0

Tgt Ion:172 Resp: 1445107

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

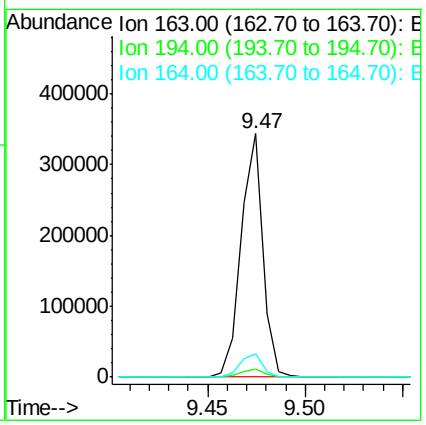


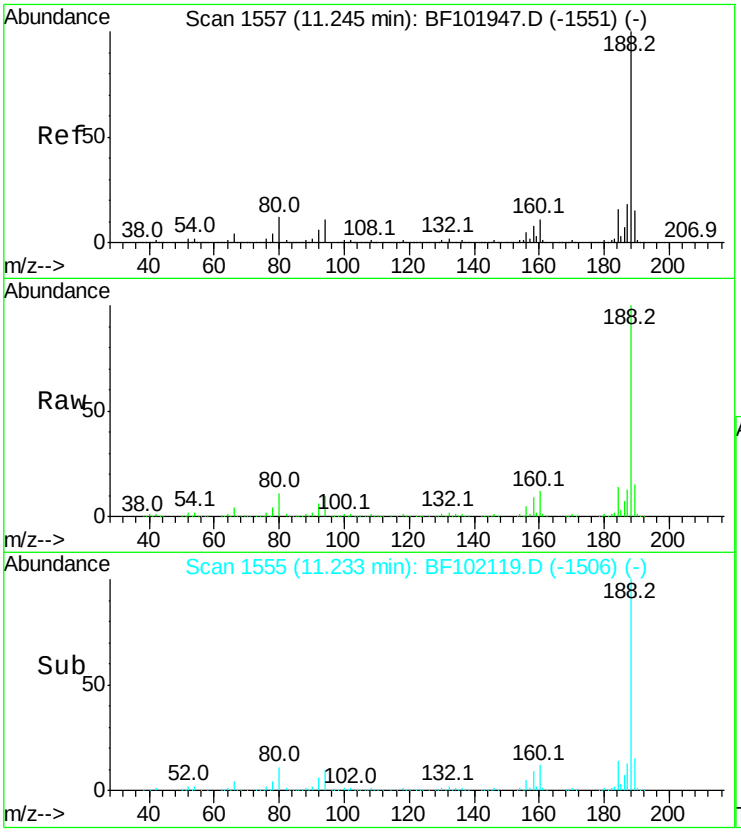


#49
Dimethylphthalate
Concen: 10.654 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Tgt Ion:163 Resp: 266644

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2



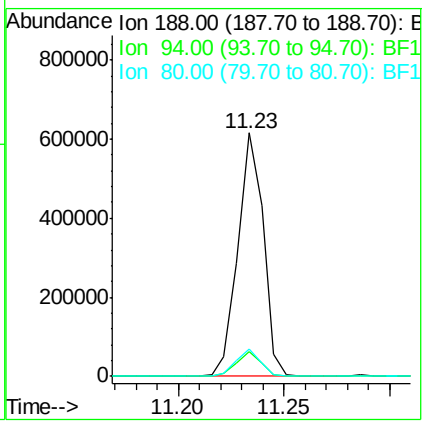


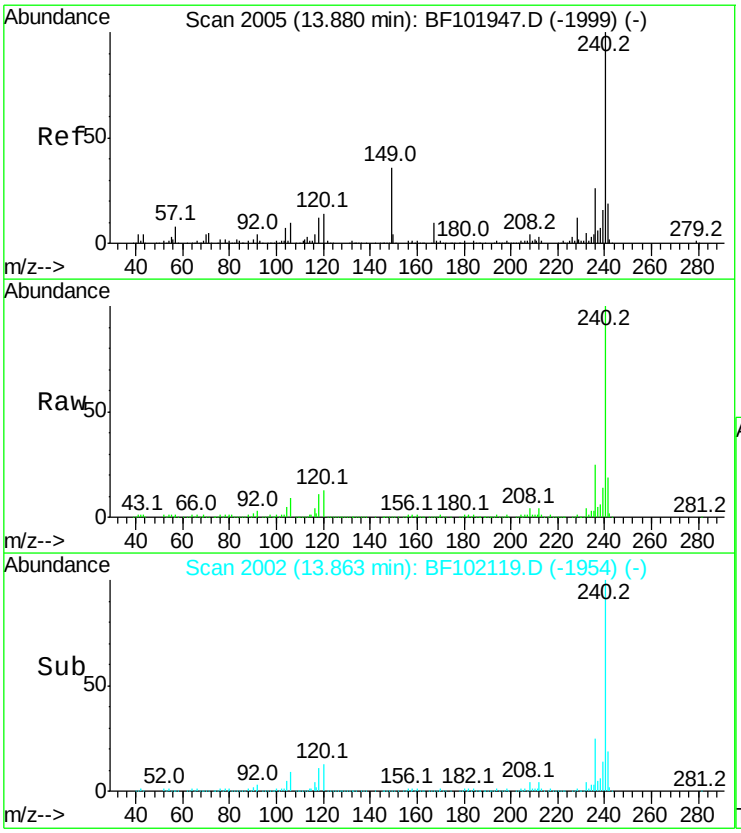
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Instrument :
BNA_F
ClientSampleId :
SB-35-2.5-3.0

Tgt Ion:188 Resp: 511491

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

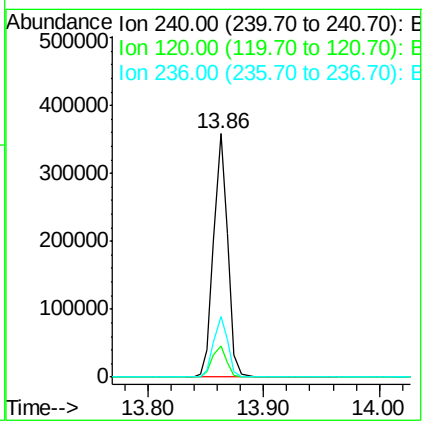


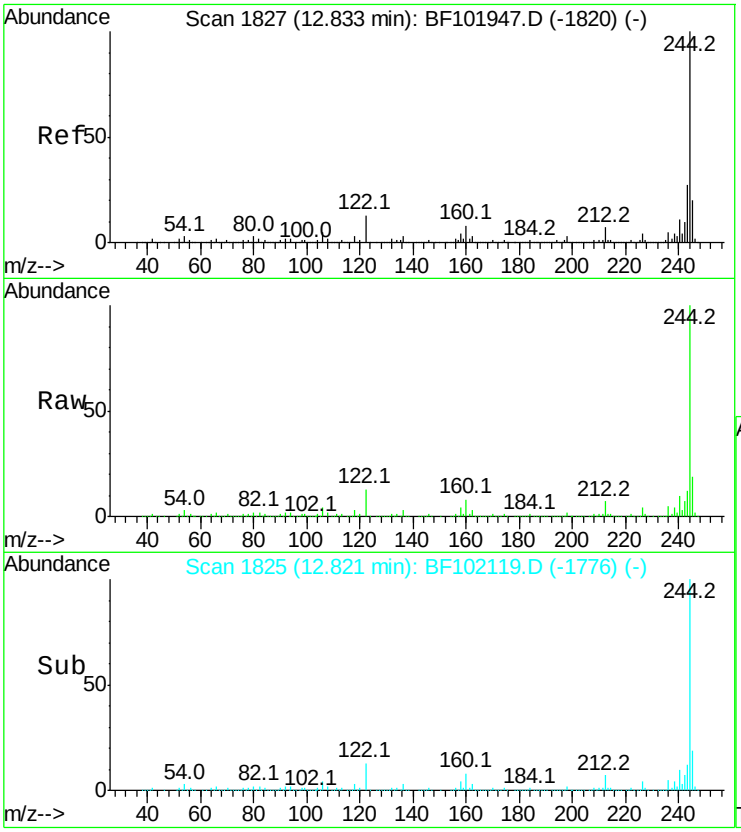


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Tgt Ion:240 Resp: 304286

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	24.8	20.7	31.1



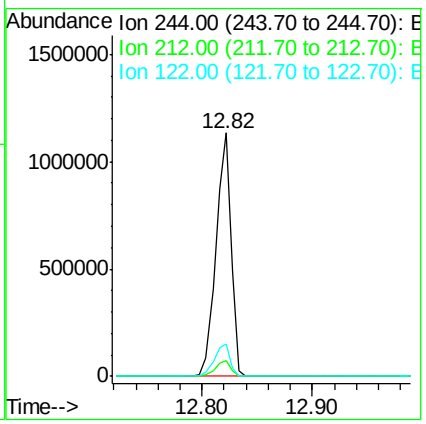


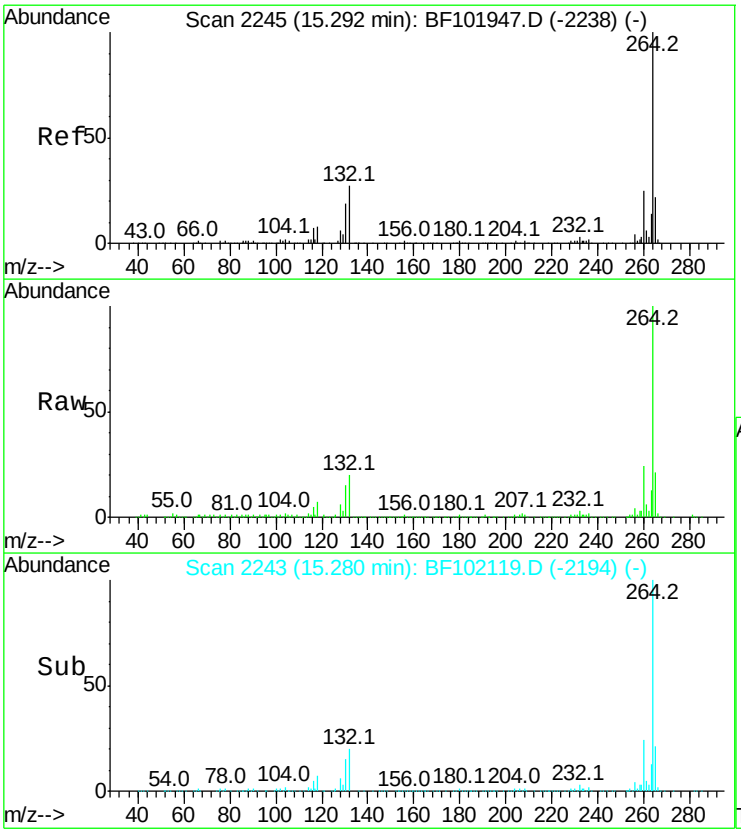
#78
Terphenyl-d14
Concen: 73.102 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Instrument :
BNA_F
ClientSampleId :
SB-35-2.5-3.0

Tgt Ion:244 Resp: 1071338

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102119.D
Acq: 16 Jan 2018 19:42

Tgt Ion:264 Resp: 304568

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3