Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103291.D
Acq On : 28 Feb 2018 4:40
Operator : SJ/JU
Sample : J1683-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RFK-RMAB-MW13-GW

Quant Time: Feb 28 05:58:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152635	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609143	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	229867	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	308819	20.00	ng	0.00
75) Chrysene-d12	14.05	240	238411	20.00	ng	0.00
86) Perylene-d12	15.56	264	173305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	526429	52.16	ng	0.00
7) Phenol-d6	6.50	99	401884	32.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	855743	80.23	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	156127	80.24	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1177134	89.25	ng	0.00
78) Terphenyl-d14	12.99	244	724977	73.10	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	44898	3.132	ng	90
49) Dimethylphthalate	9.62	163	70799	3.839	ng	99

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

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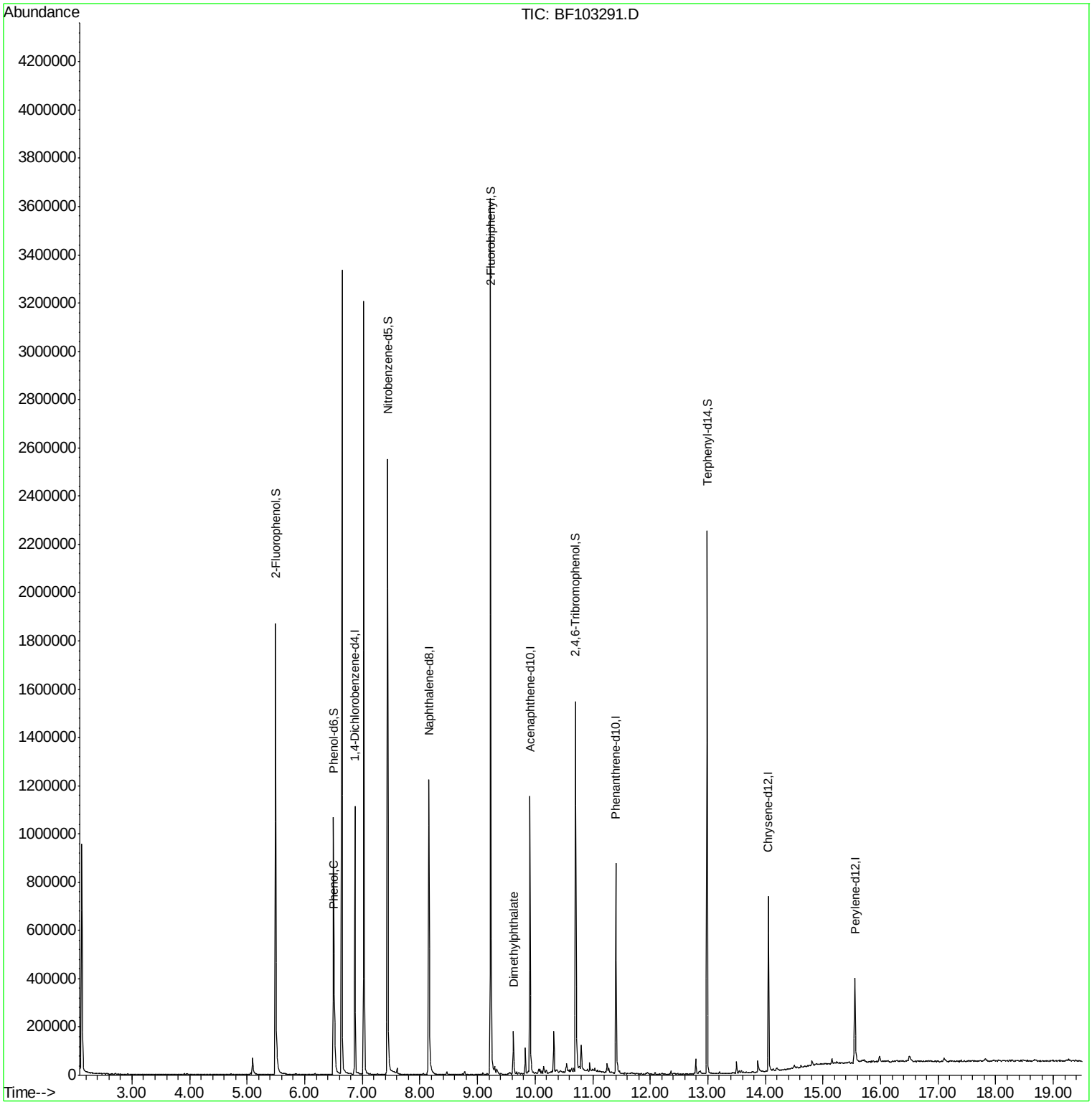
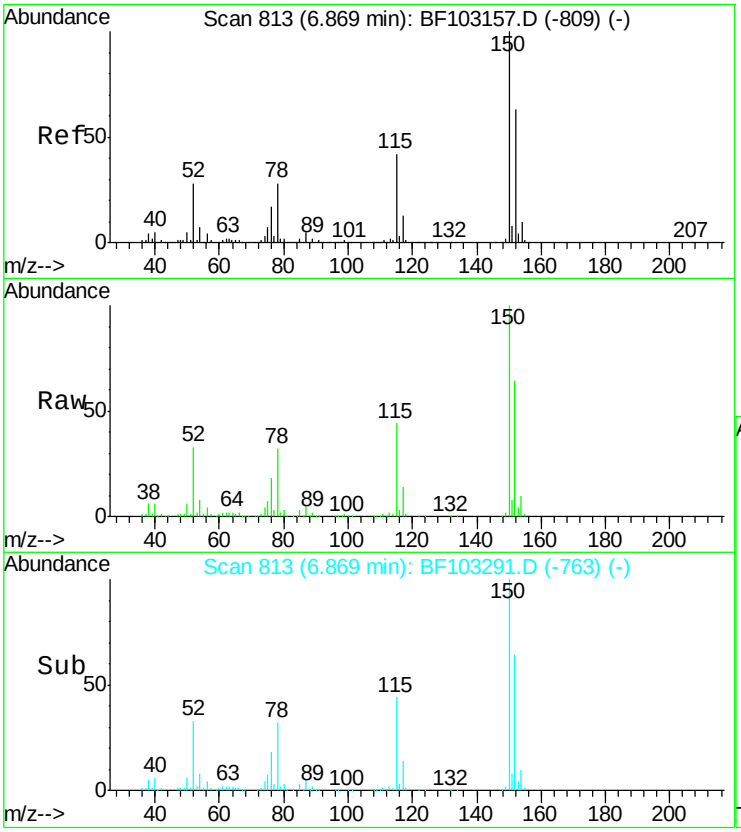


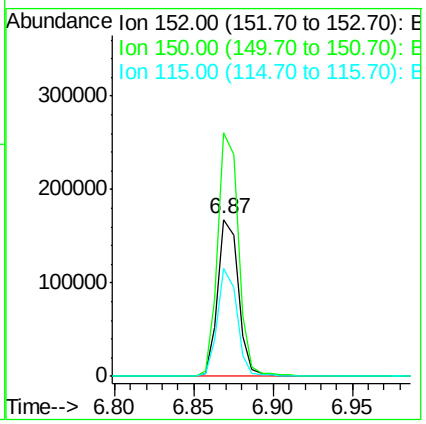


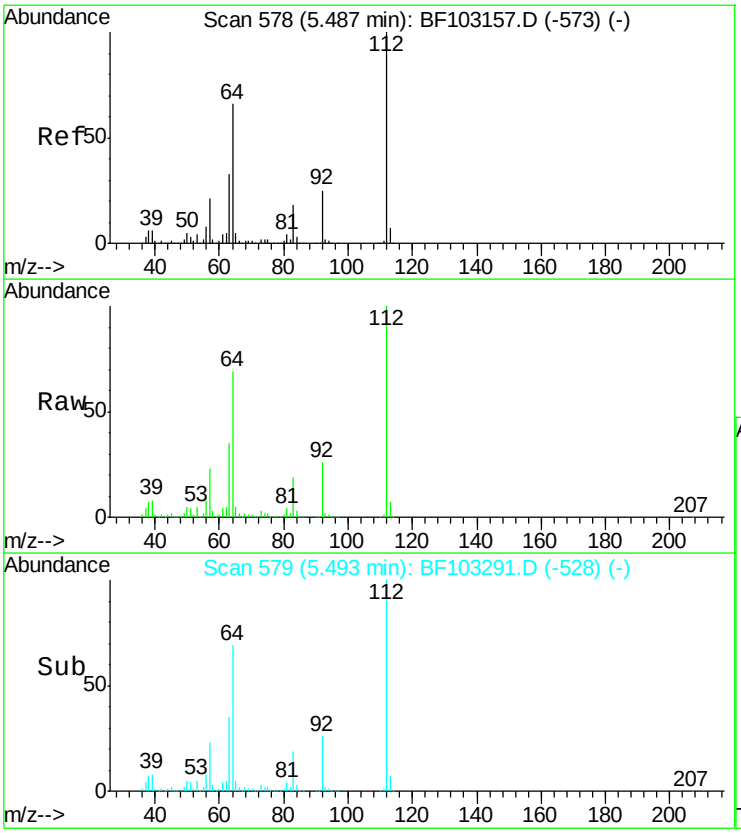
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tgt Ion:152 Resp: 152635

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	69.1	50.1	75.1

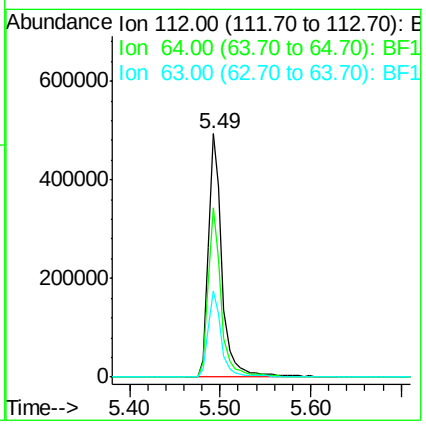


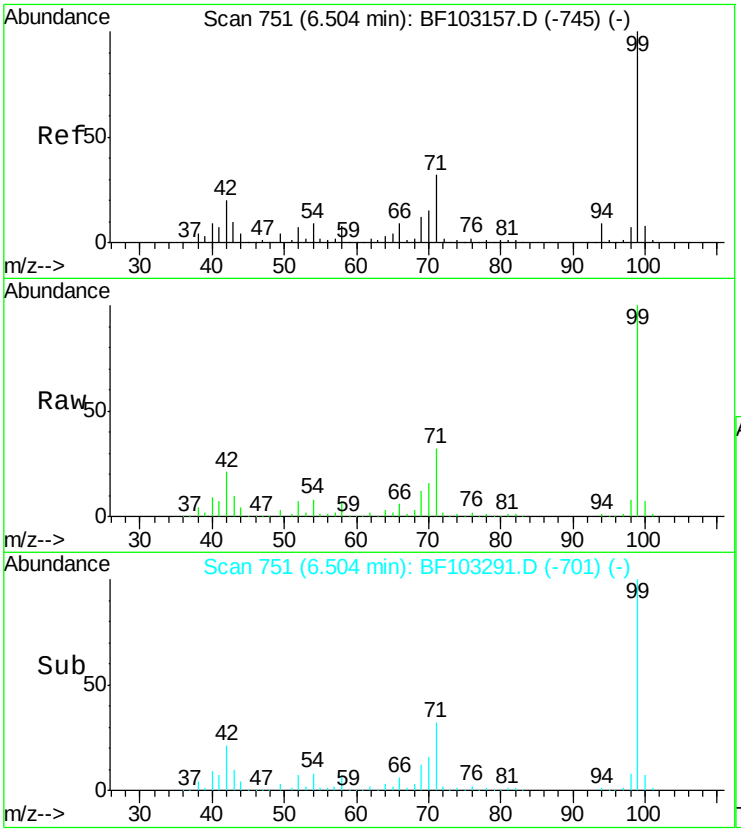


#5
2-Fluorophenol
Concen: 52.163 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion:112 Resp: 526429

Ion	Ratio	Lower	Upper
112	100		
64	69.4	47.9	71.9
63	35.3	23.7	35.5



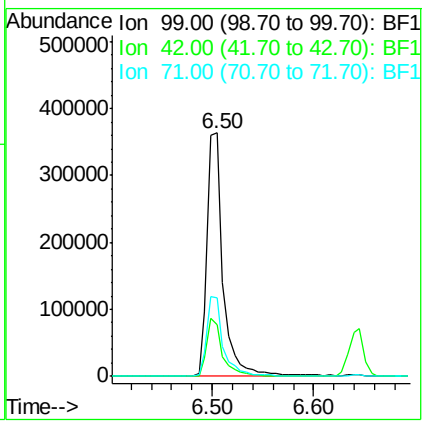


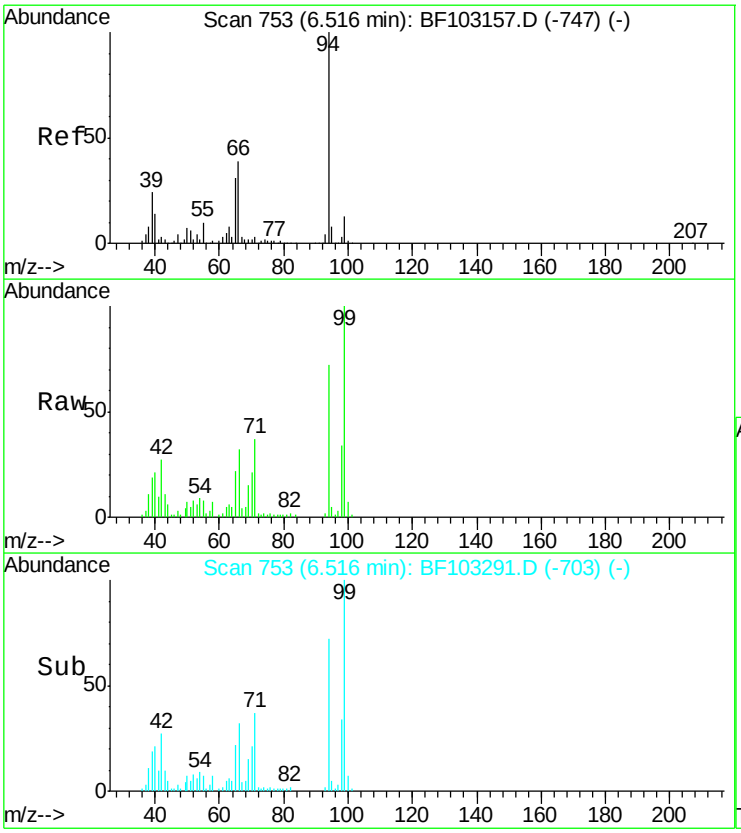
#7
Phenol-d6
Concen: 32.544 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tgt Ion: 99 Resp: 401884

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	32.1	25.4	38.0

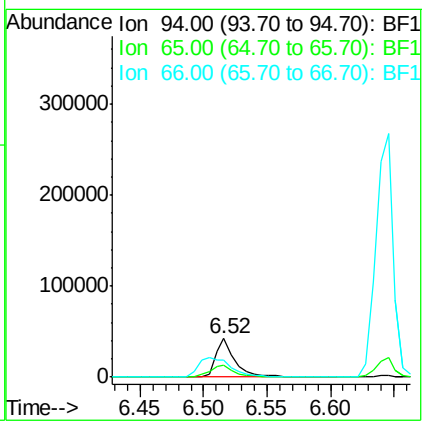


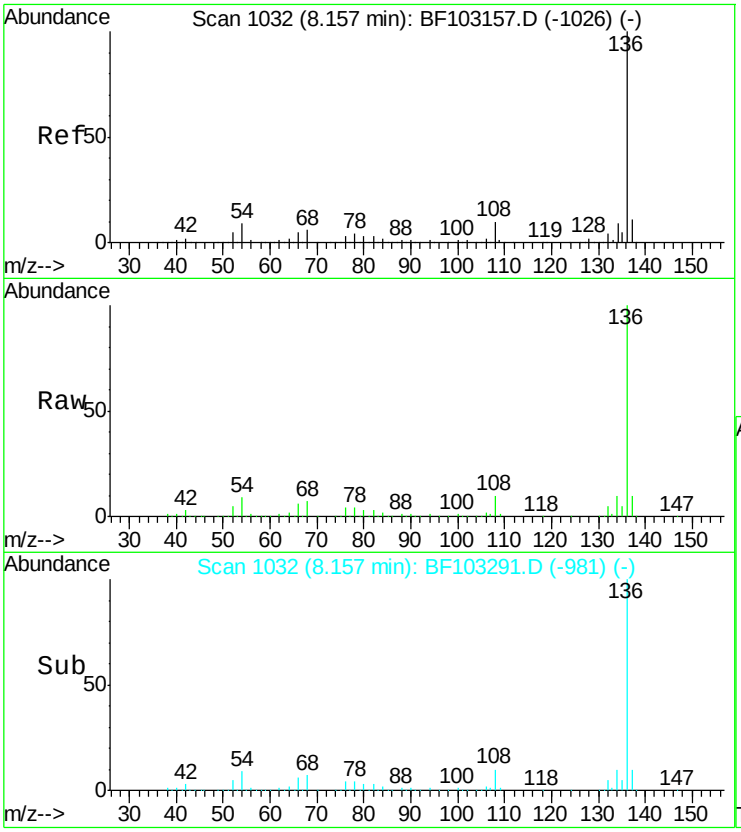


#10
Phenol
Concen: 3.132 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion: 94 Resp: 44898

Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	44.1	16.2	56.2



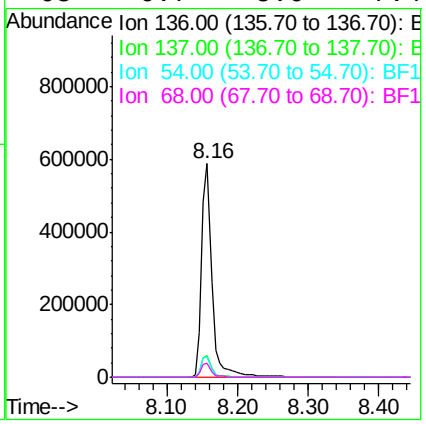


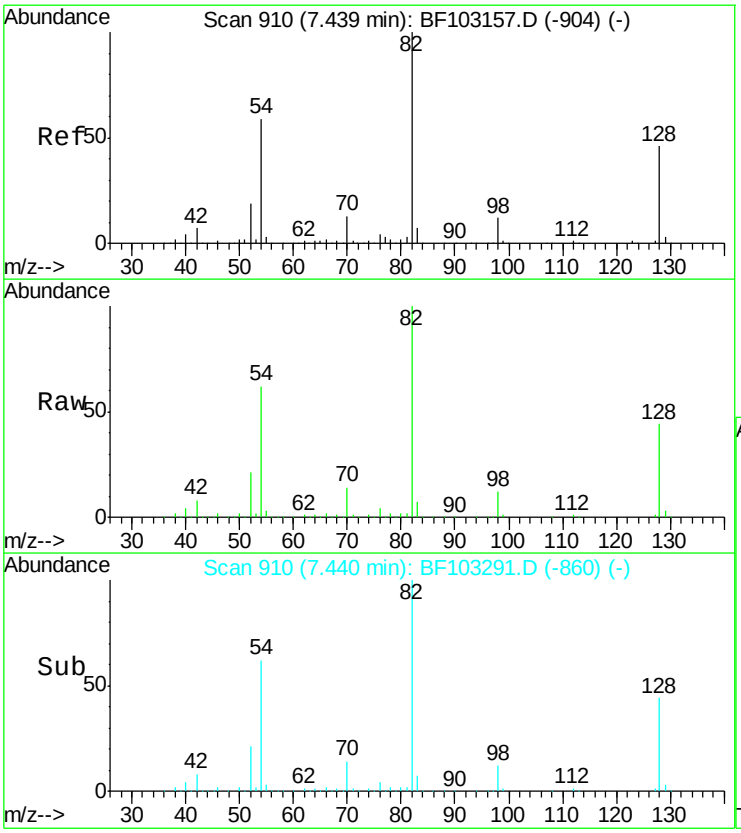
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tgt Ion:136 Resp: 609143

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.4	6.6	9.8
68	6.7	5.0	7.4

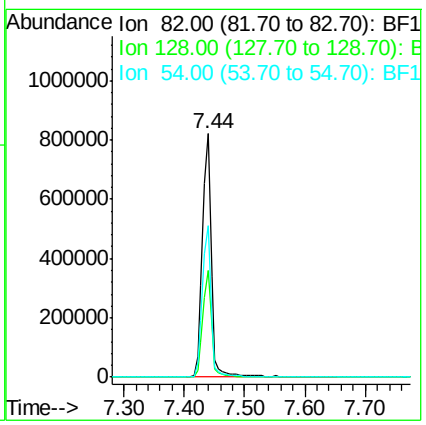


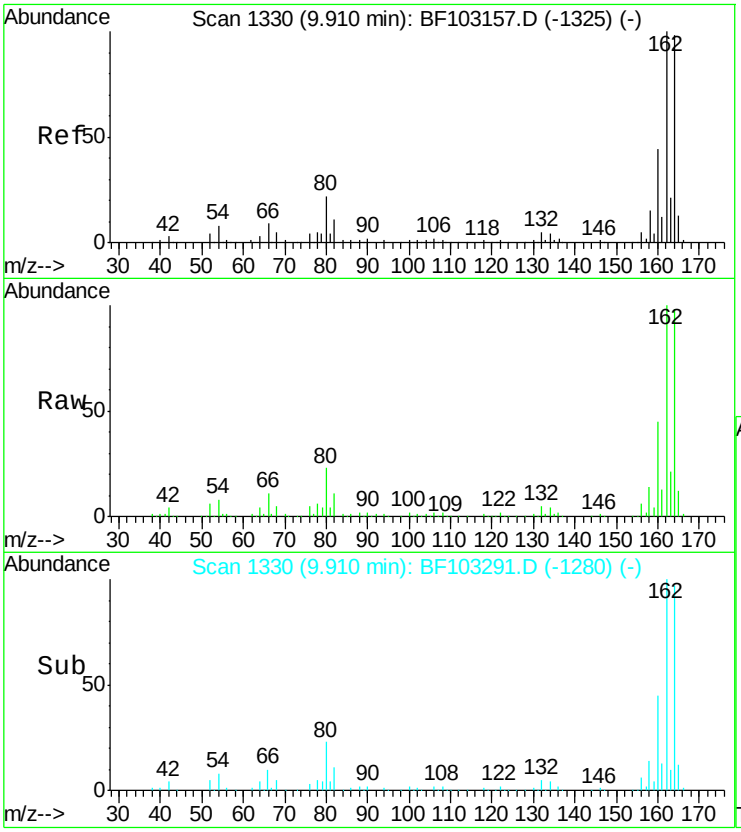


#23
Nitrobenzene-d5
Concen: 80.228 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion: 82 Resp: 855743

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	62.1	41.4	62.2



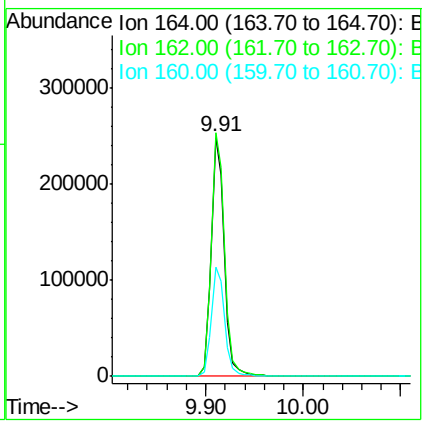


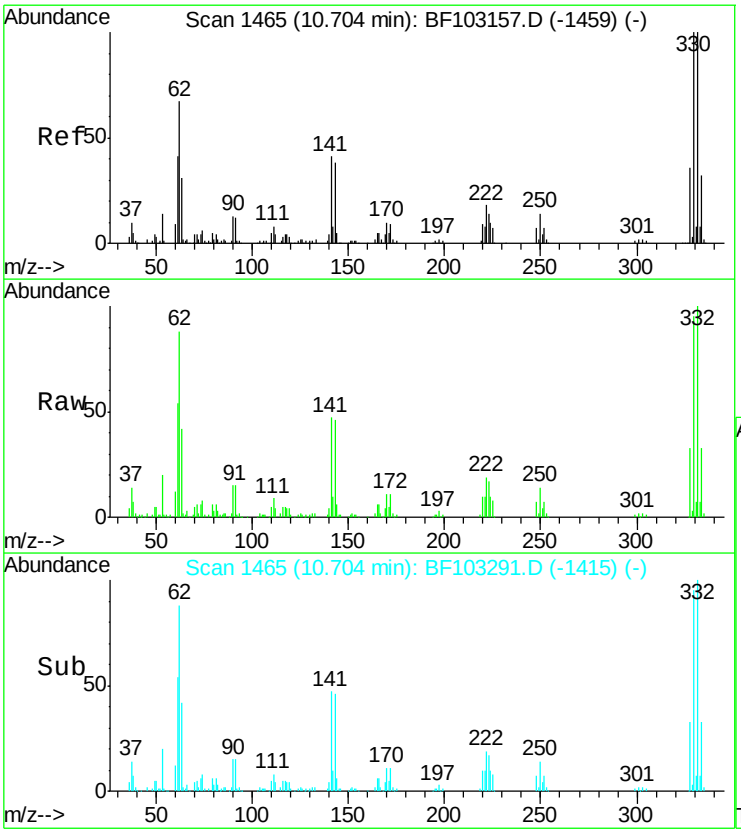
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tgt Ion:164 Resp: 229867

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.0	38.3	57.5

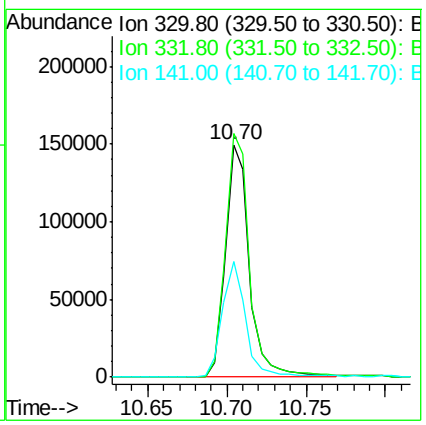


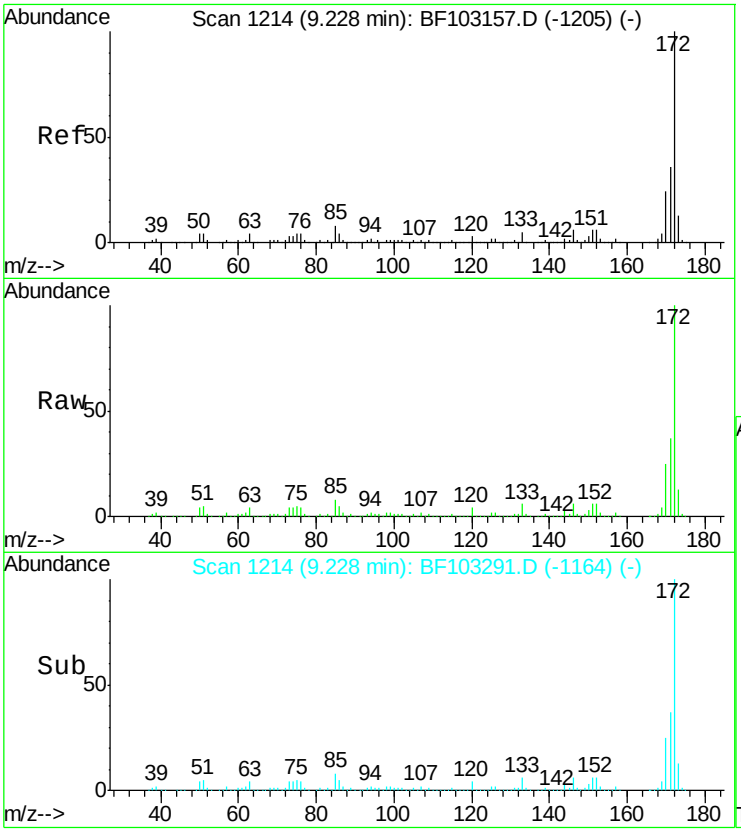


#41
2,4,6-Tribromophenol
Concen: 80.242 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion:330 Resp: 156127

Ion	Ratio	Lower	Upper
330	100		
332	106.9	77.0	115.6
141	49.5	29.9	44.9#



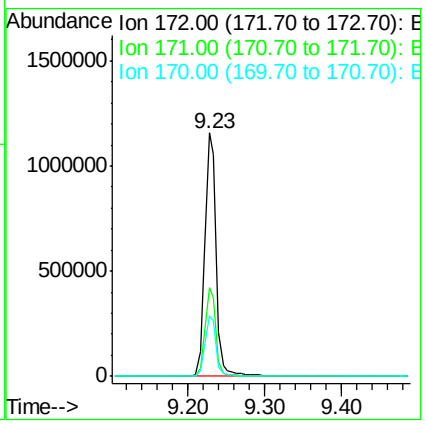


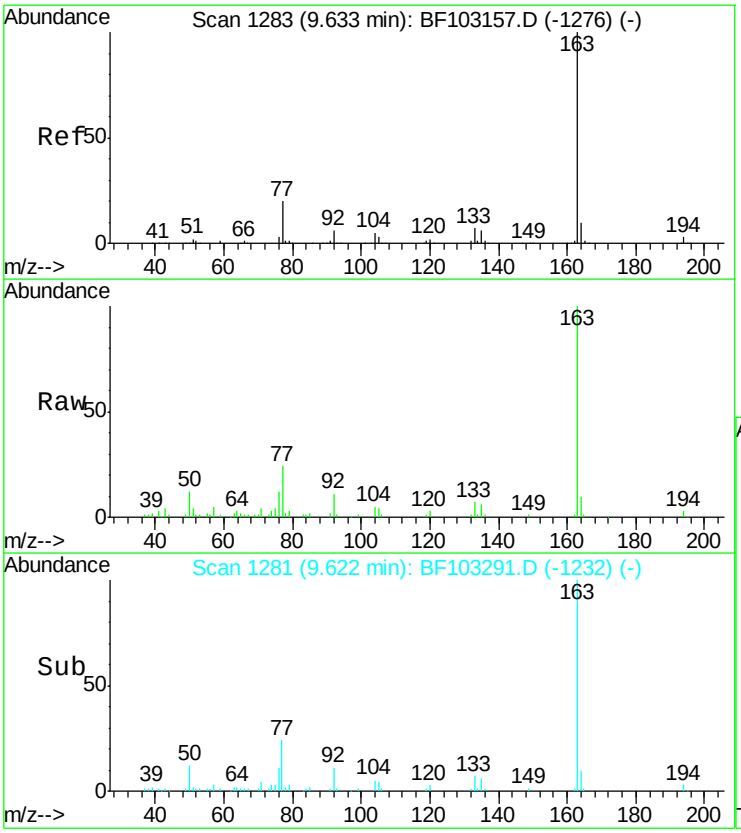
#44
2-Fluorobiphenyl
Concen: 89.252 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tgt Ion:172 Resp: 1177134

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4

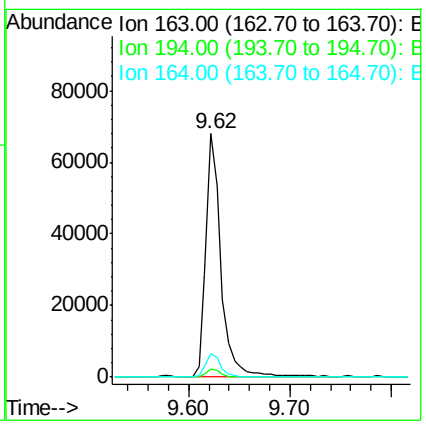


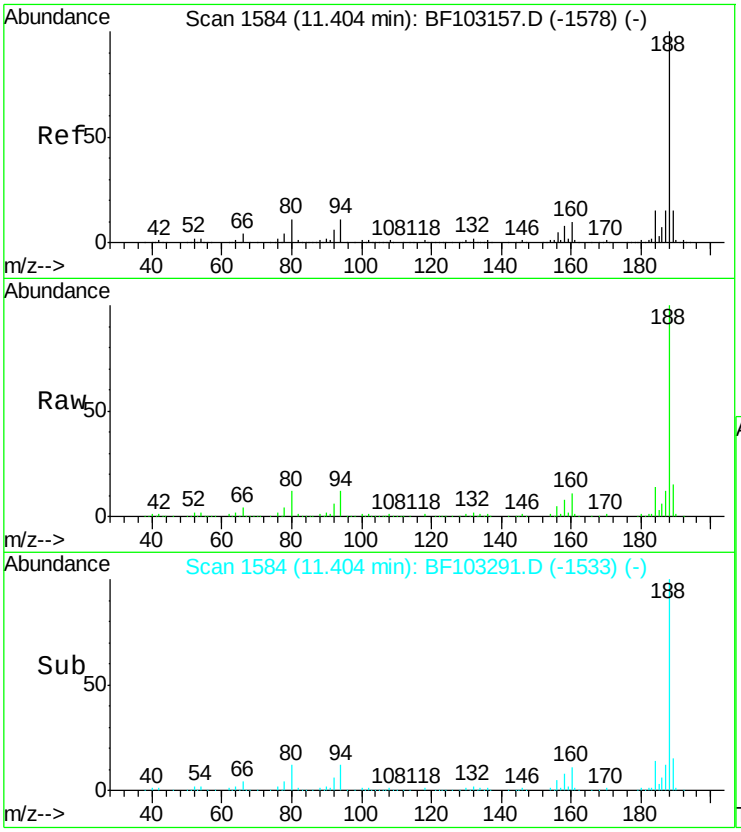


#49
Dimethylphthalate
Concen: 3.839 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion:163 Resp: 70799

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2



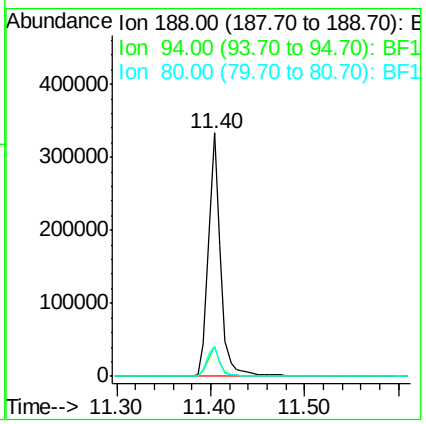


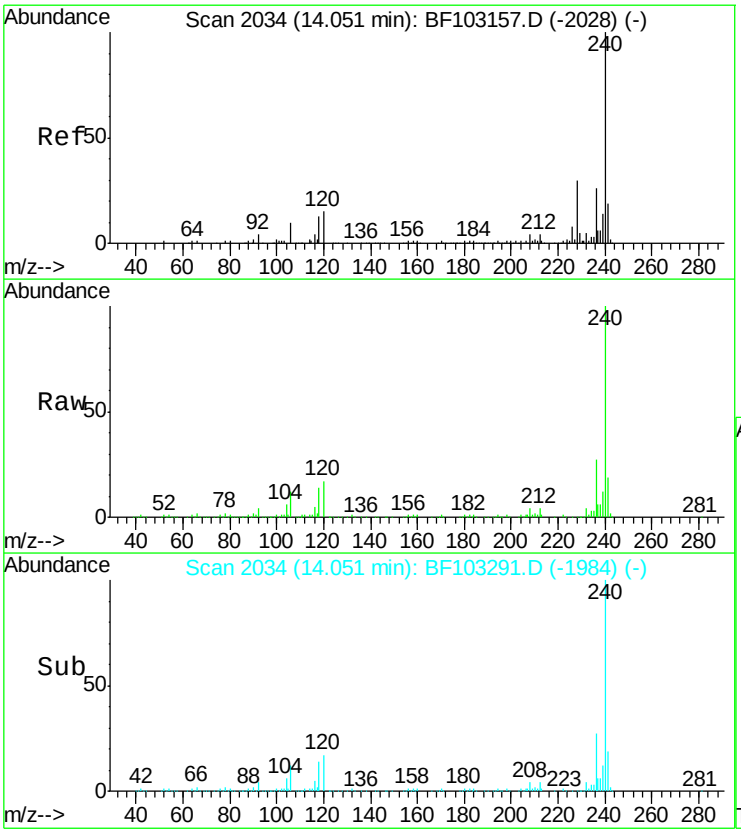
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tgt Ion:188 Resp: 308819

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	12.4	9.2	13.8

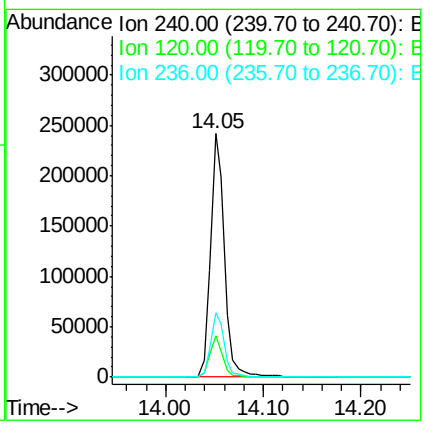


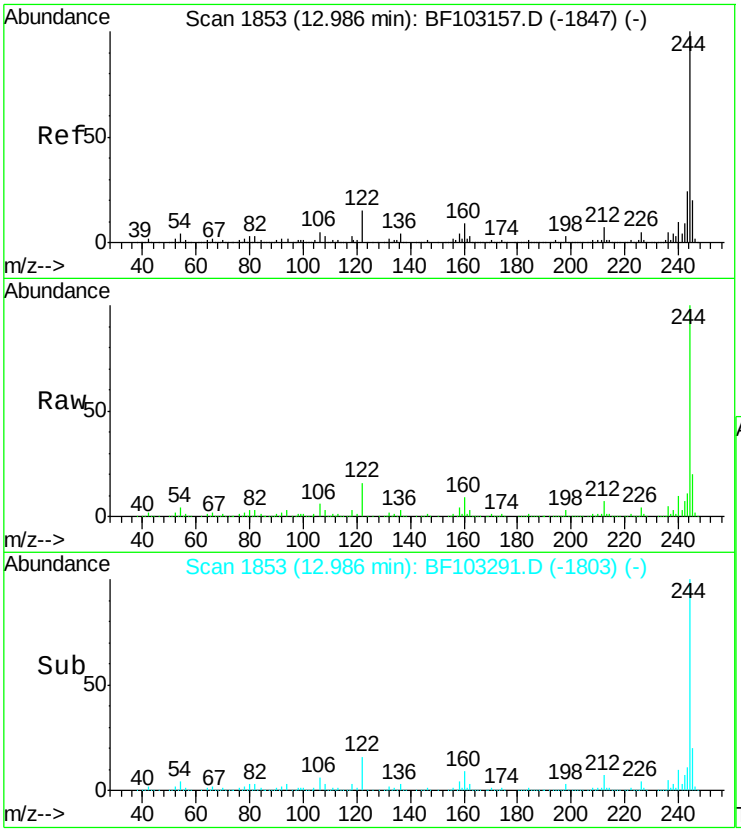


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion:240 Resp: 238411

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.5	14.3#
236	26.6	20.7	31.1



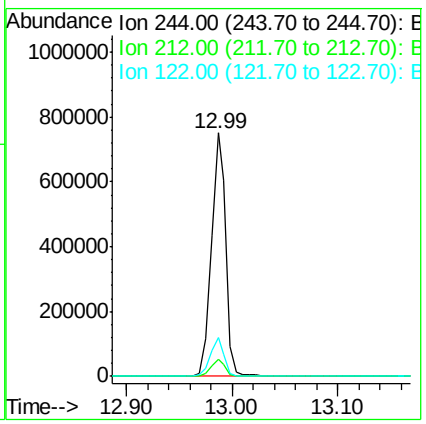


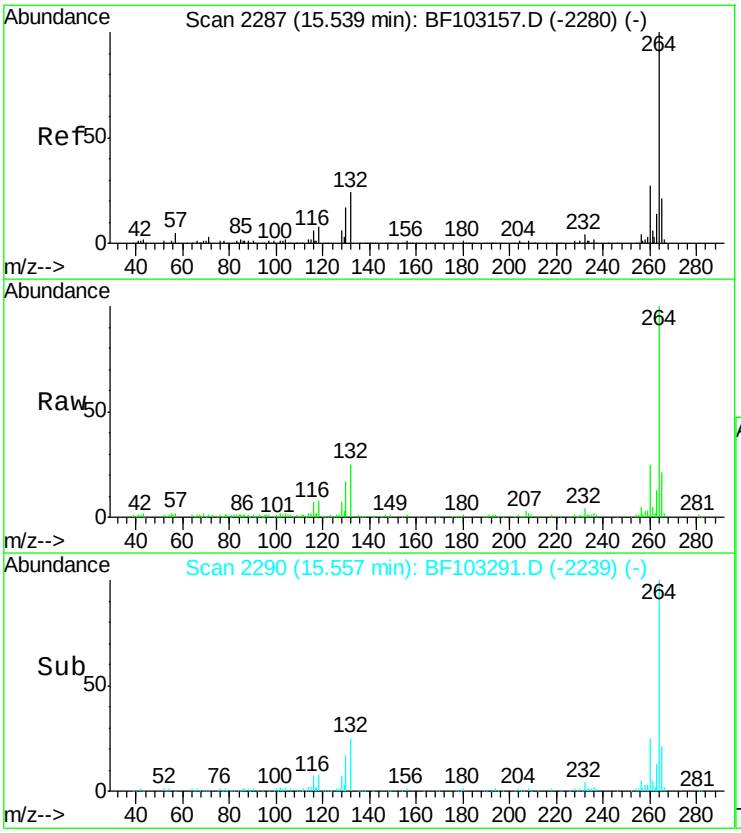
#78
Terphenyl-d14
Concen: 73.098 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tgt Ion:244 Resp: 724977

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	16.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion:264 Resp: 173305

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.1	17.5	26.3