Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111217\
Data File : BF100489.D
Acq On : 12 Nov 2017 15:00
Operator : SJ/JU
Sample : I6403-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110817-JETT-F-D-S

Quant Time: Nov 13 06:41:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	130757	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	485164	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	203537	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	326099	20.00	ng		0.00
75) Chrysene-d12	14.06	240	270463	20.00	ng		0.00
86) Perylene-d12	15.54	264	192603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	333945	40.94	ng		0.00
7) Phenol-d6	6.52	99	249359	24.79	ng		-0.01
23) Nitrobenzene-d5	7.46	82	809843	110.36	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	179828	86.70	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1378609	103.14	ng		0.00
78) Terphenyl-d14	13.01	244	969233	82.34	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	31874	3.018	ng		97
49) Dimethylphthalate	9.65	163	88008	5.663	ng	#	99

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

Quantitation Report (LSC Reviewed)

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Quant Time: Nov 13 06:41:18 2017
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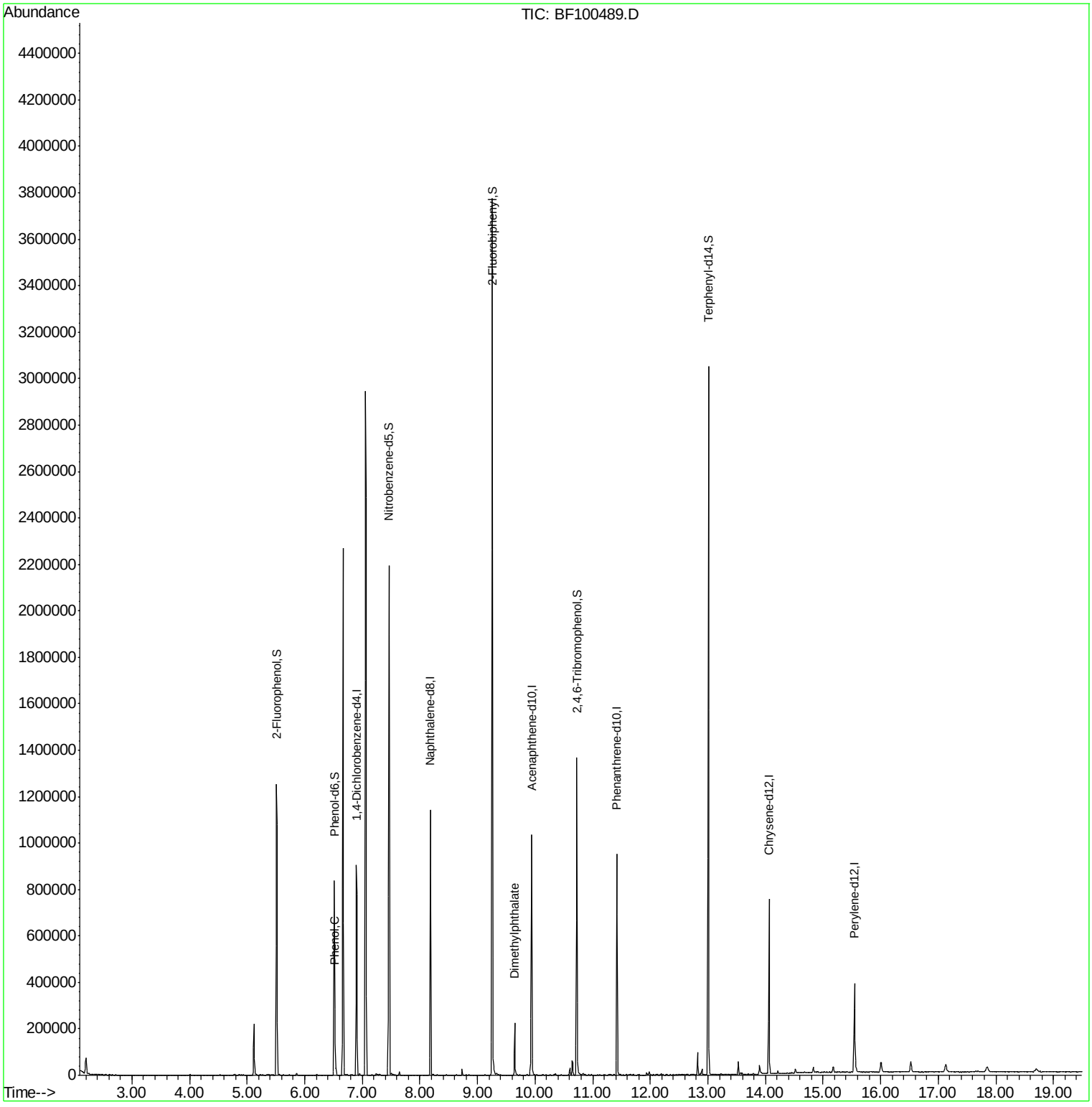
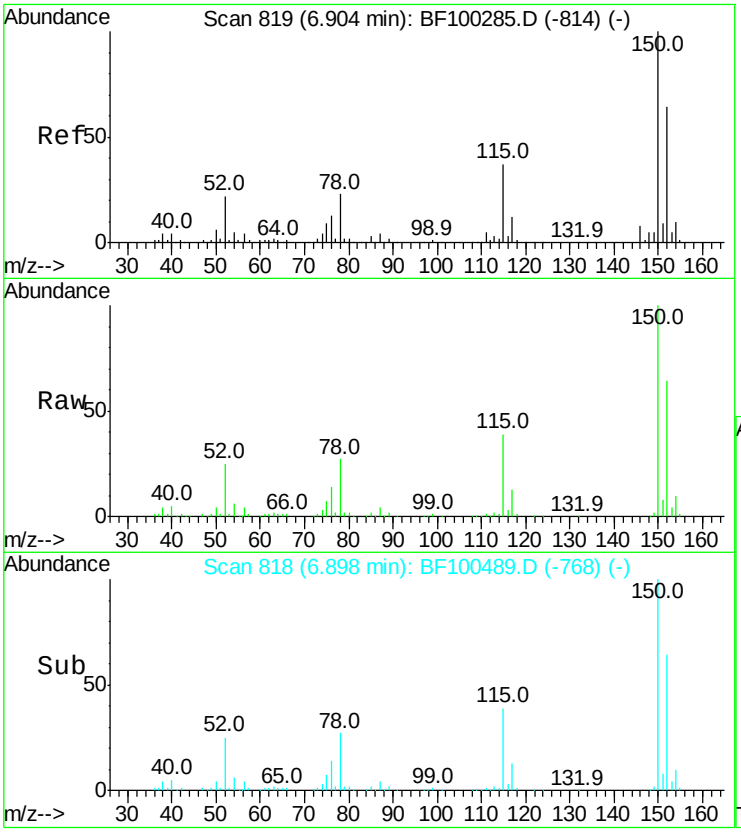


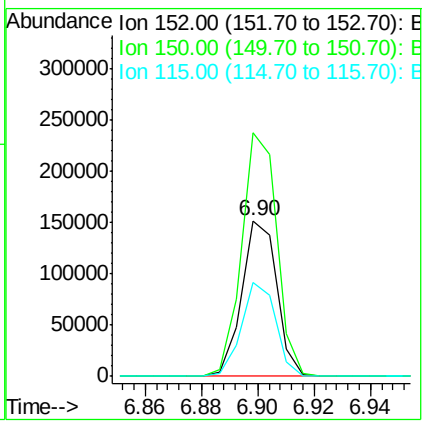


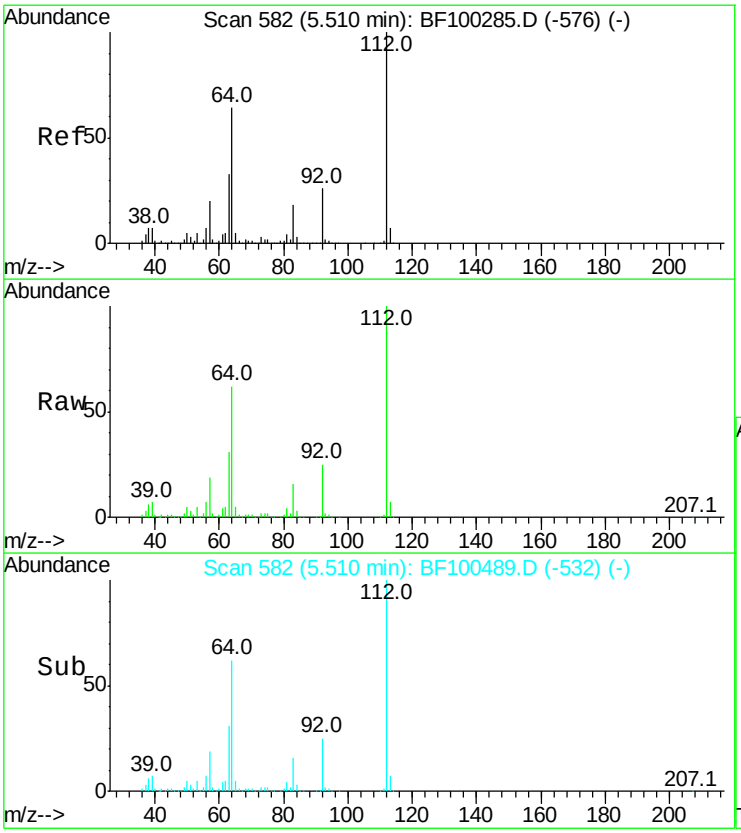
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-S

Tgt Ion:152 Resp: 130757

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.3	50.1	75.1

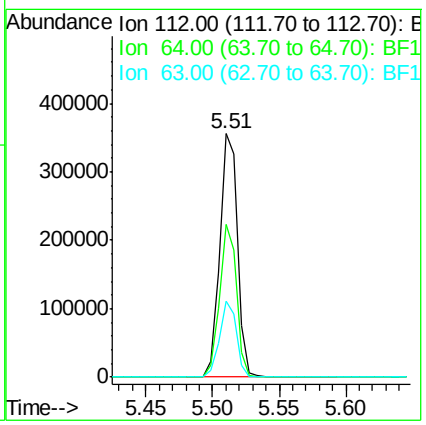


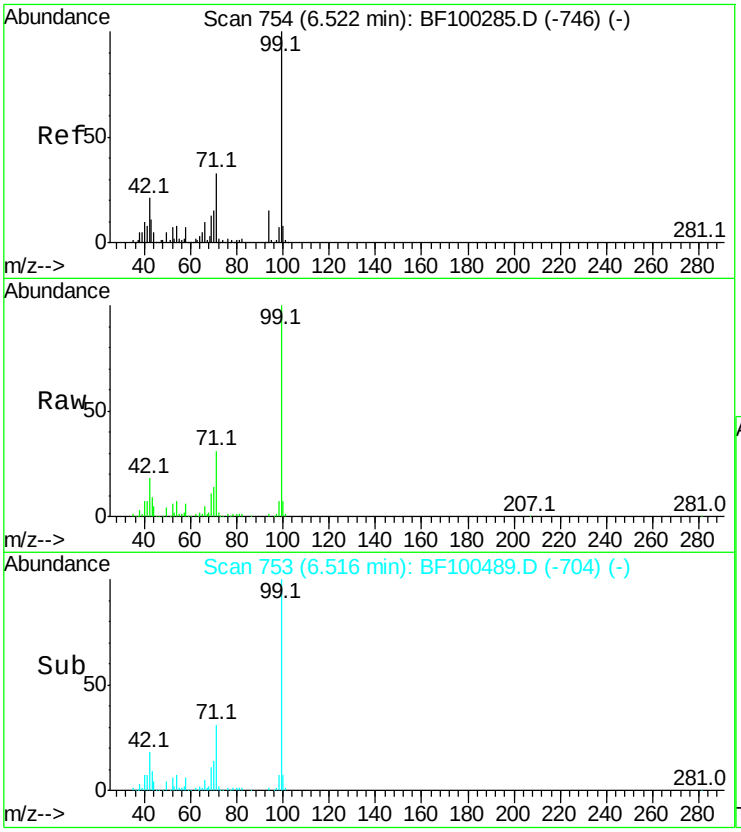


#5
2-Fluorophenol
Concen: 40.939 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Tgt Ion:112 Resp: 333945

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.5	23.7	35.5



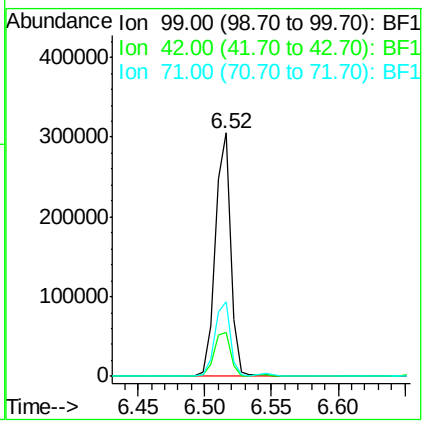


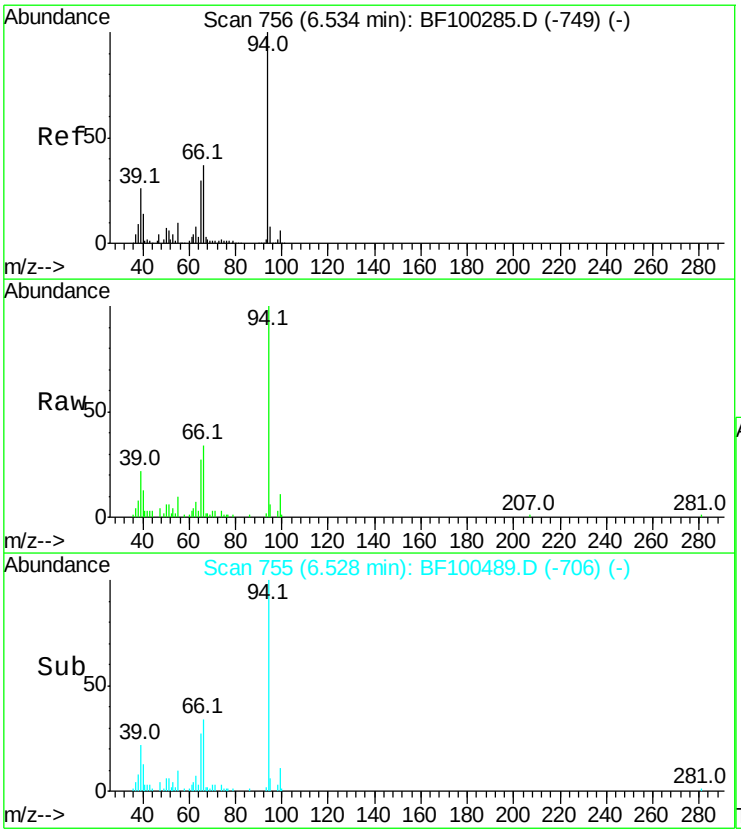
#7
Phenol-d6
Concen: 24.790 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-S

Tgt Ion: 99 Resp: 249359

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	30.5	25.4	38.0

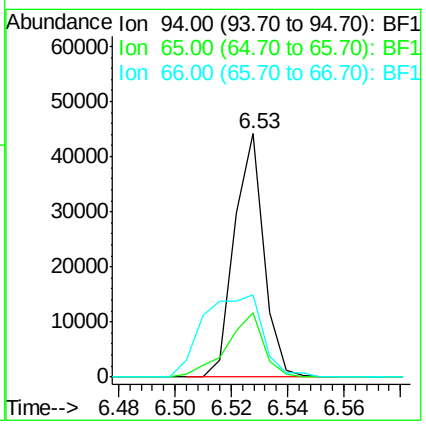


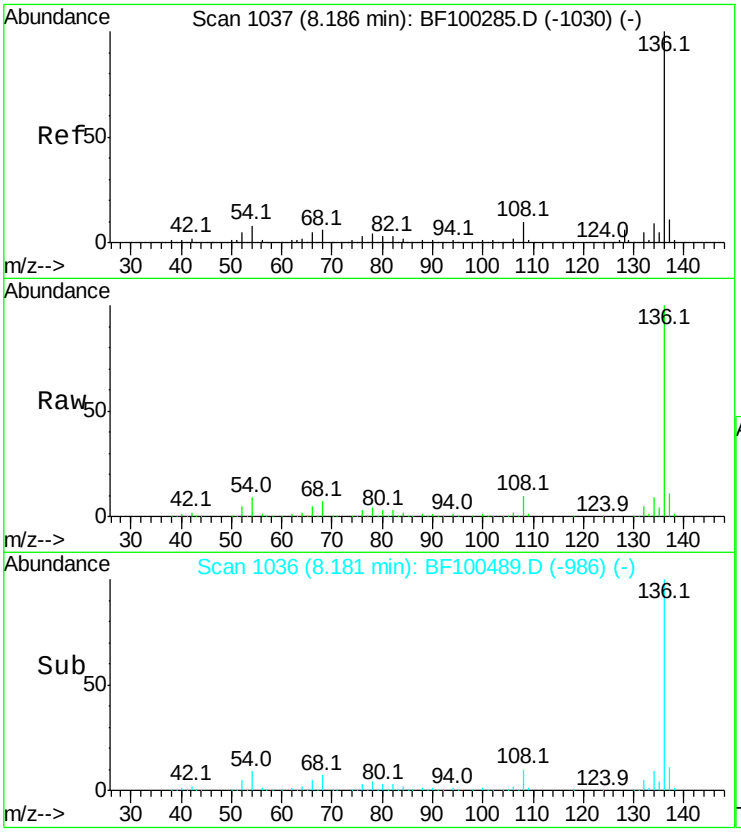


#10
Phenol
Concen: 3.018 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Tgt Ion: 94 Resp: 31874

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.9	47.9
66	34.1	16.2	56.2



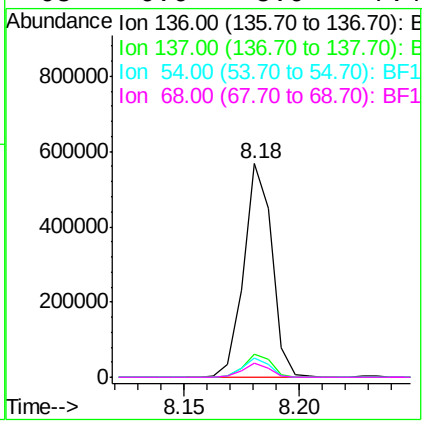


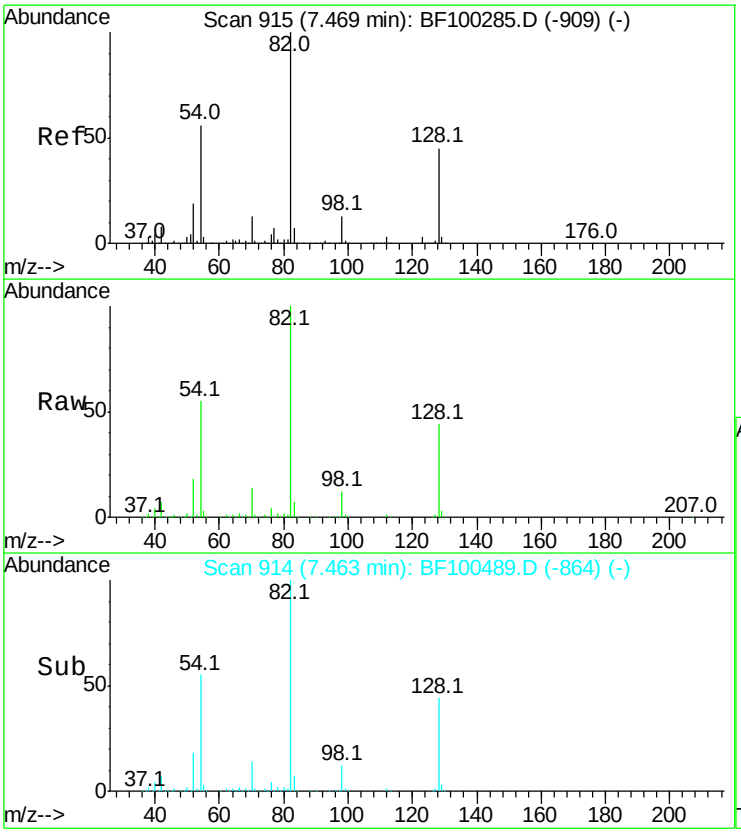
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-S

Tgt Ion:136 Resp: 485164

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4

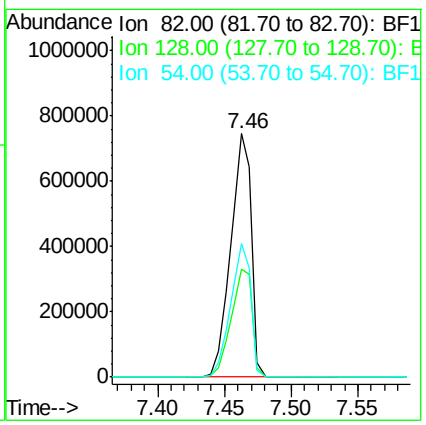


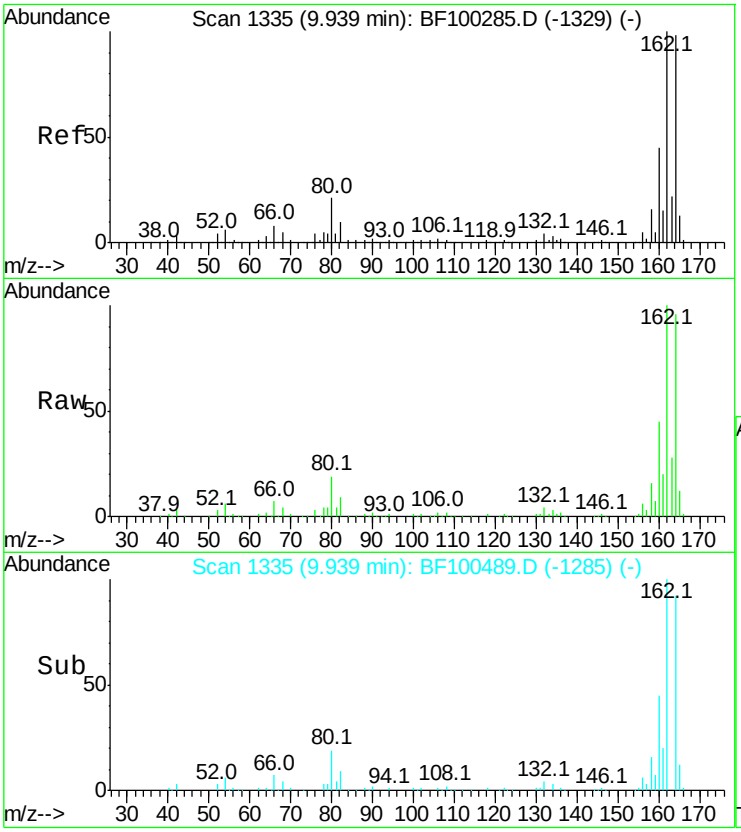


#23
Nitrobenzene-d5
Concen: 110.357 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Tgt Ion: 82 Resp: 809843

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	54.9	41.4	62.2



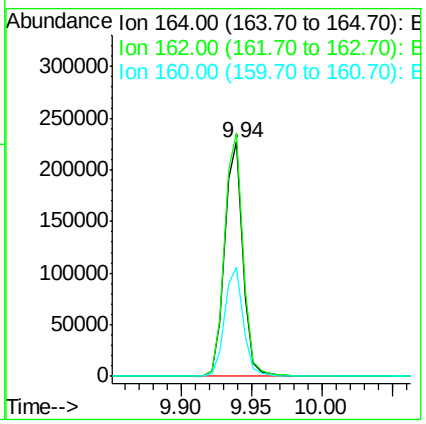


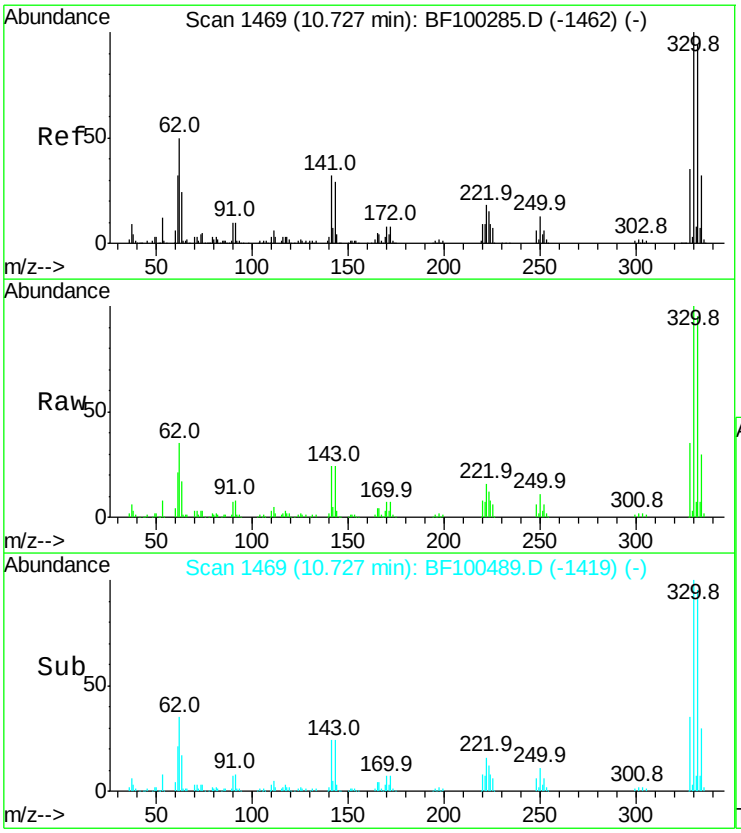
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-S

Tgt Ion:164 Resp: 203537

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.8	38.3	57.5

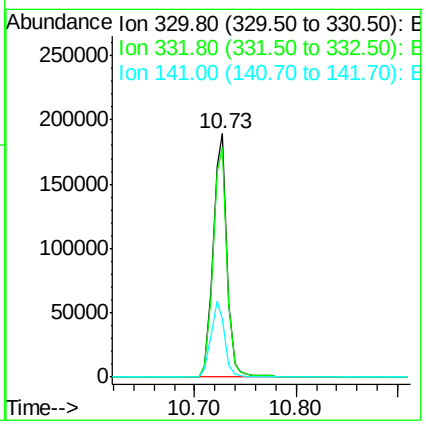


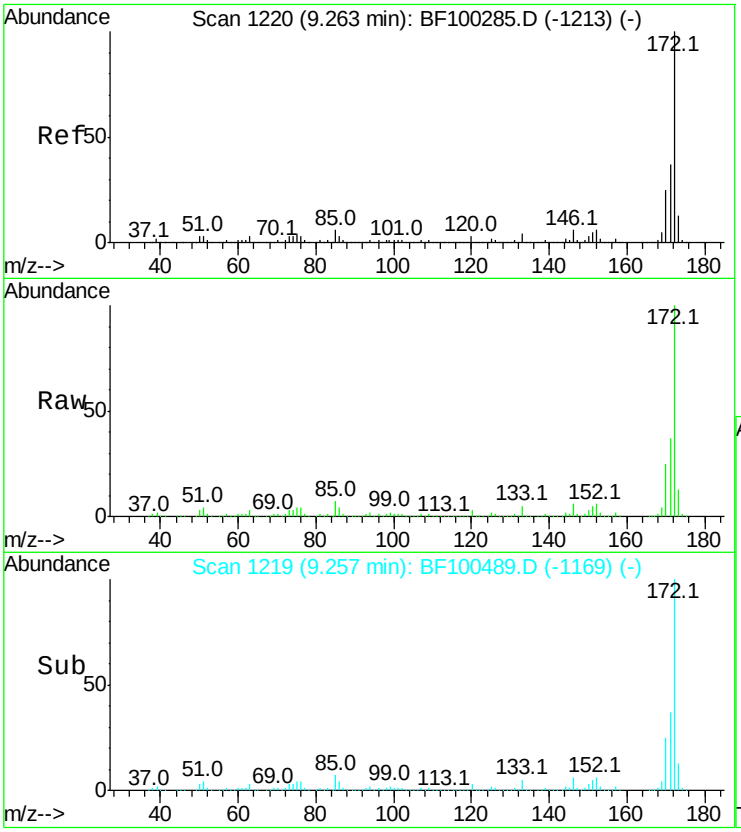


#41
2,4,6-Tribromophenol
Concen: 86.704 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Tgt Ion:330 Resp: 179828

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.9	29.9	44.9



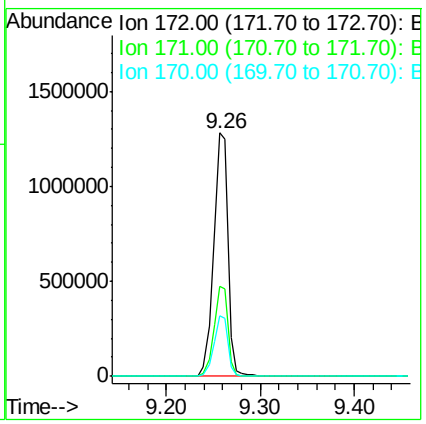


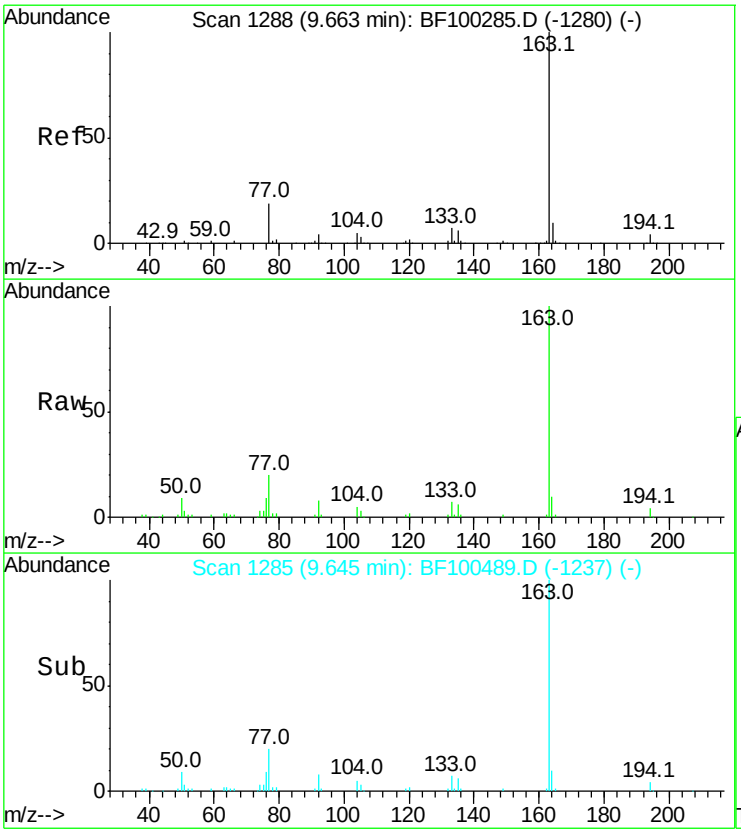
#44
2-Fluorobiphenyl
Concen: 103.137 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-S

Tgt Ion:172 Resp: 1378609

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4

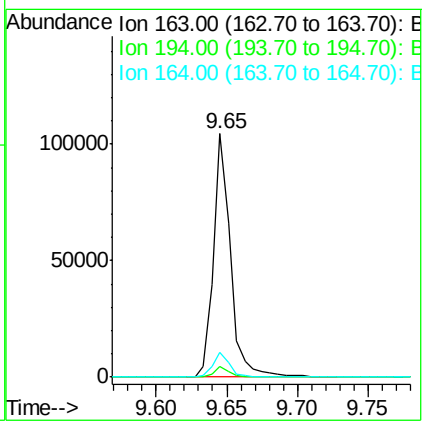


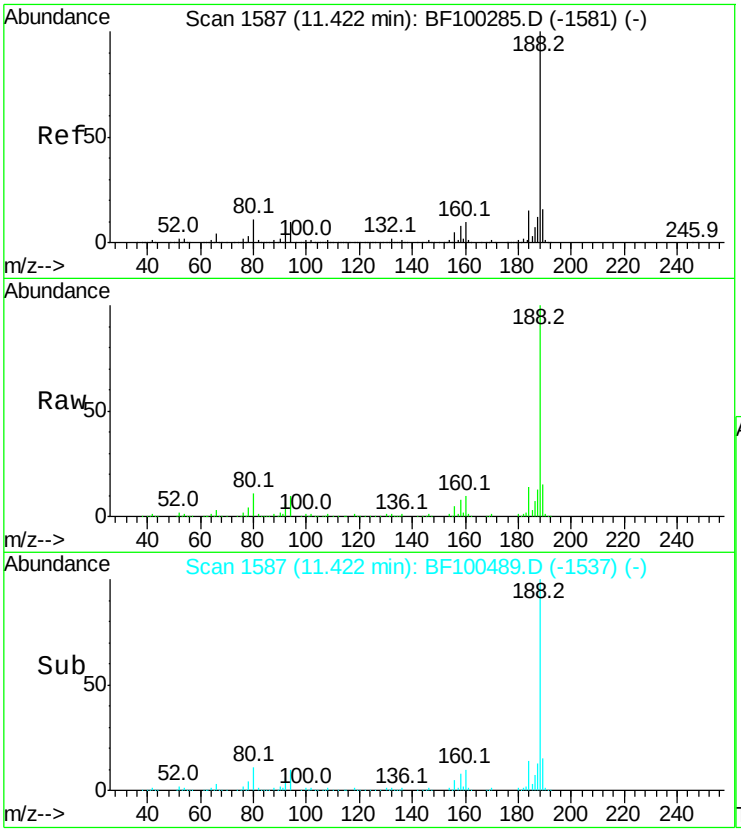


#49
Dimethylphthalate
Concen: 5.663 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Tgt Ion:163 Resp: 88008

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.3	8.2	12.2



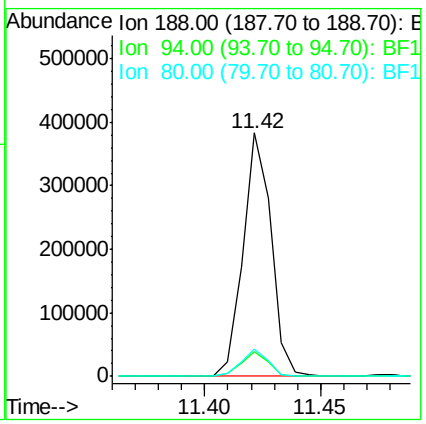


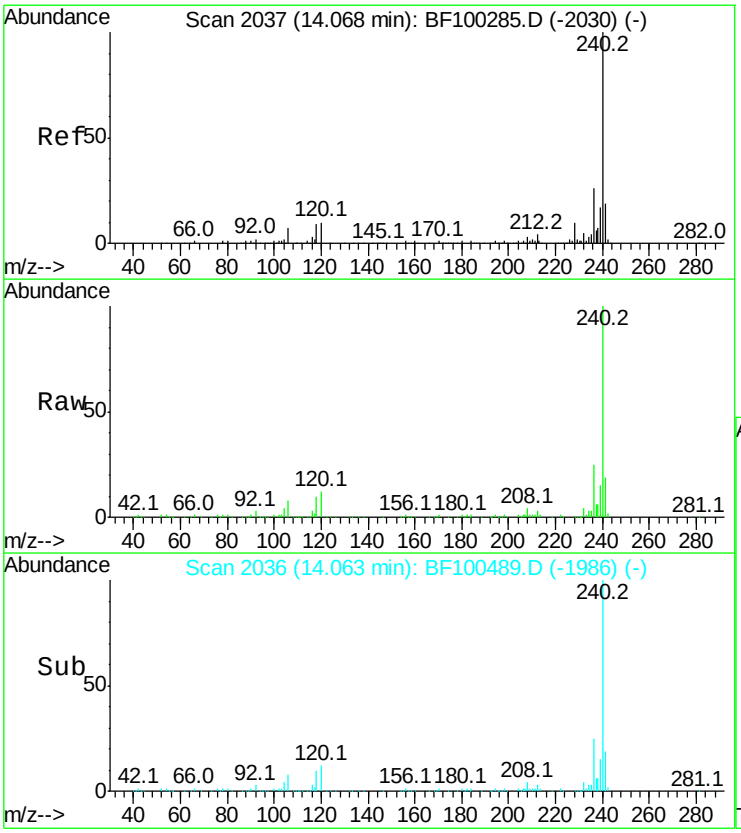
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-S

Tgt Ion:188 Resp: 326099

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

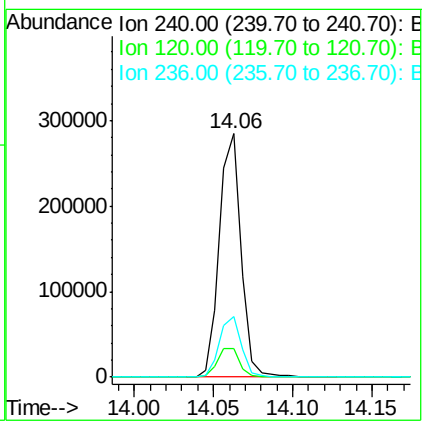


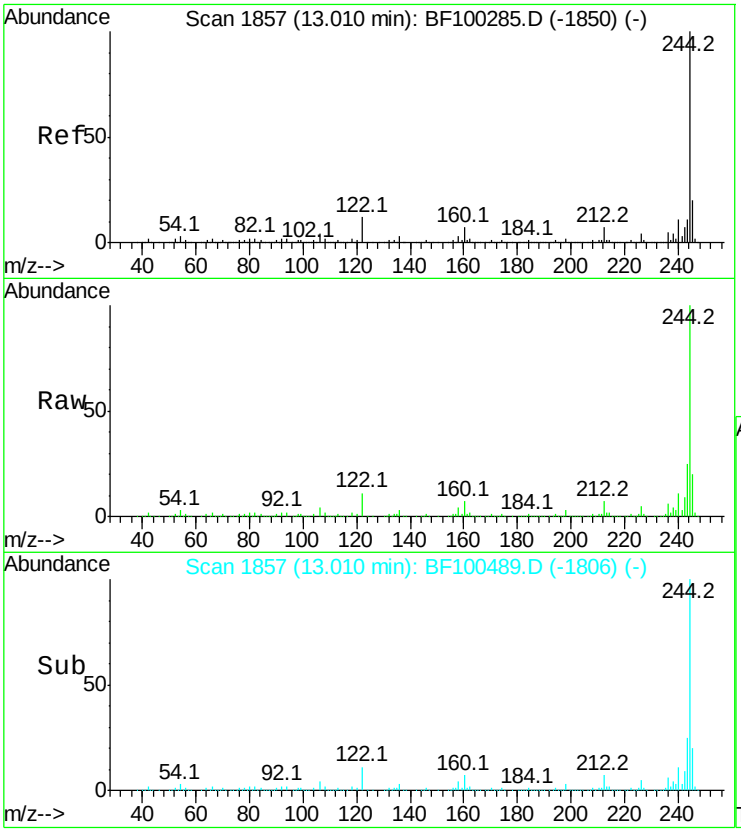


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Tgt Ion:240 Resp: 270463

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	24.9	20.7	31.1



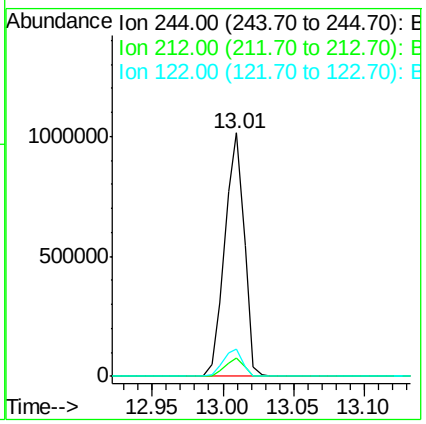


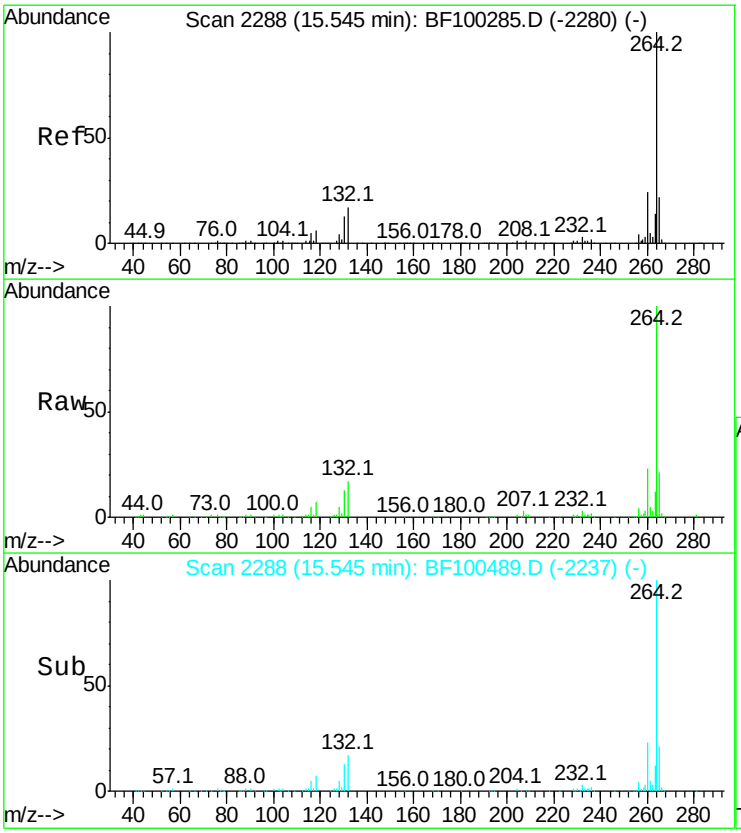
#78
Terphenyl-d14
Concen: 82.341 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Instrument :
BNA_F
ClientSampleId :
110817-JETT-F-D-S

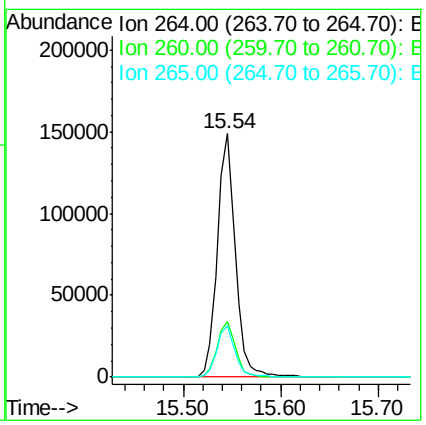
Tgt Ion:244 Resp: 969233

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100489.D
Acq: 12 Nov 2017 15:00

Tgt Ion:264 Resp: 192603

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.1	17.5	26.3