Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096577.D
Acq On : 7 Jul 2017 23:40
Operator : SJ/MA
Sample : I4070-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-070517-D

Quant Time: Jul 08 01:29:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	114096	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	468149	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	198899	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	297353	20.00	ng	0.00
75) Chrysene-d12	13.83	240	218943	20.00	ng	-0.01
86) Perylene-d12	15.23	264	217637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	767670	99.31	ng	0.00
7) Phenol-d6	6.34	99	928582	97.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	545481	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163676	105.35	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	864997	74.36	ng	0.00
78) Terphenyl-d14	12.79	244	564665	55.11	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.35	94	29410	2.716	ng	96
49) Dimethylphthalate	9.45	163	99389	6.694	ng	98

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

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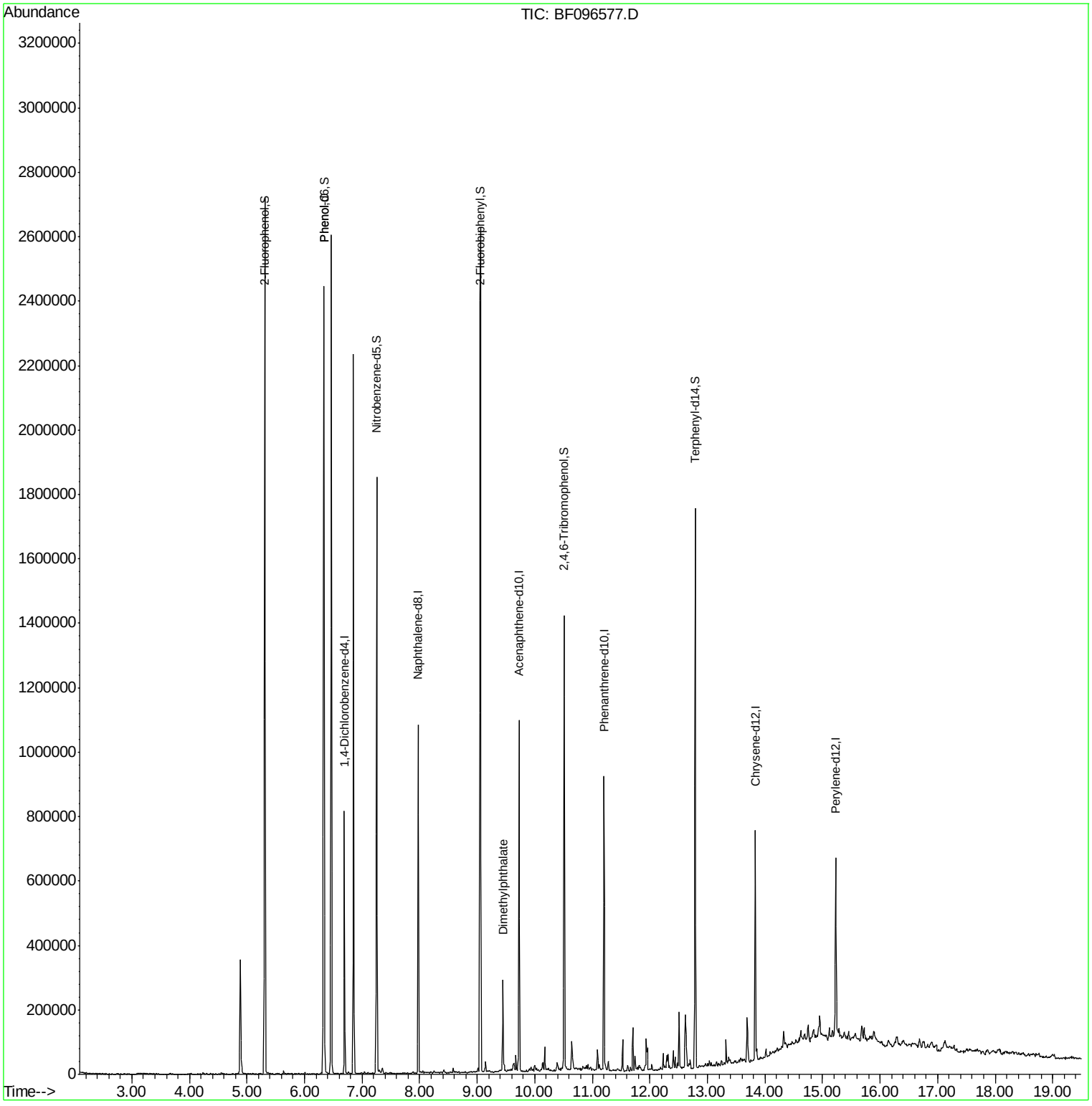
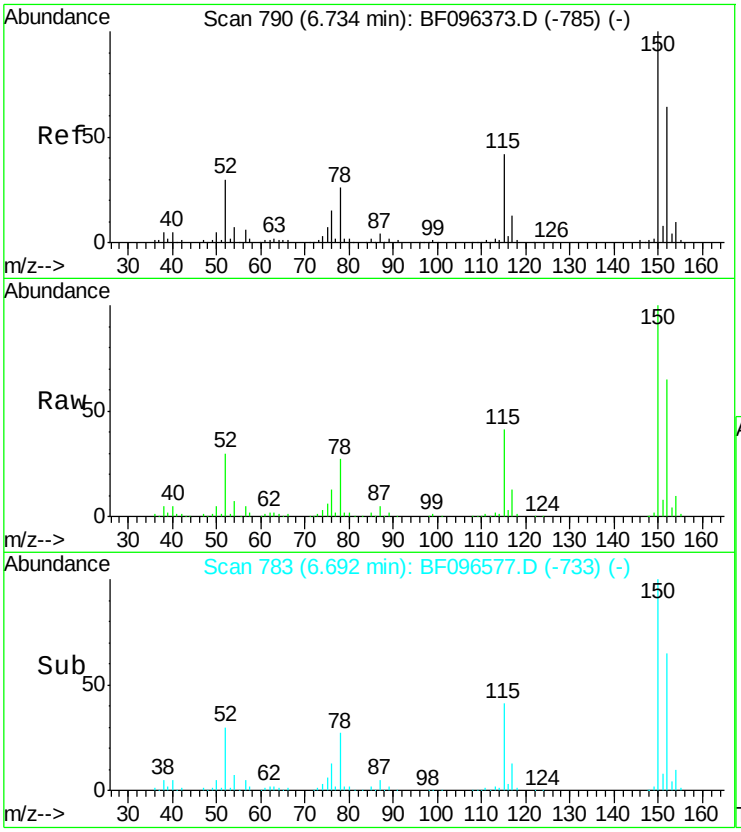


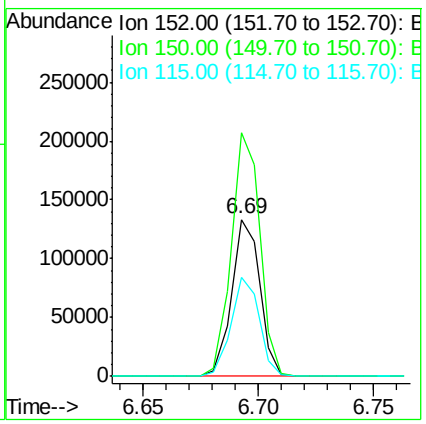


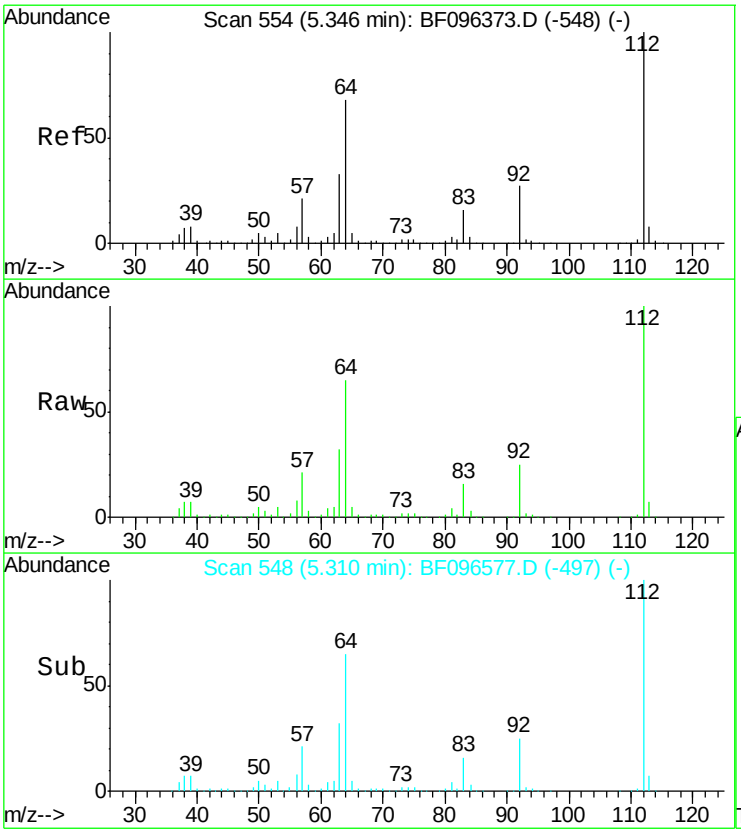
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion:152 Resp: 114096

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	63.3	52.2	78.2

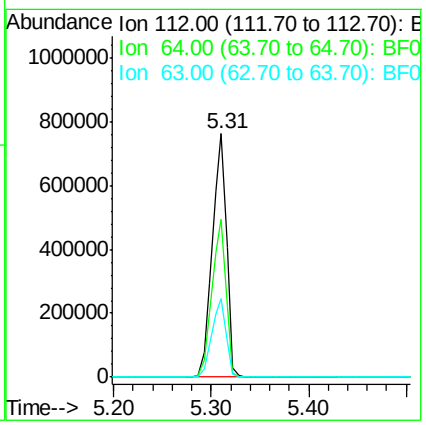


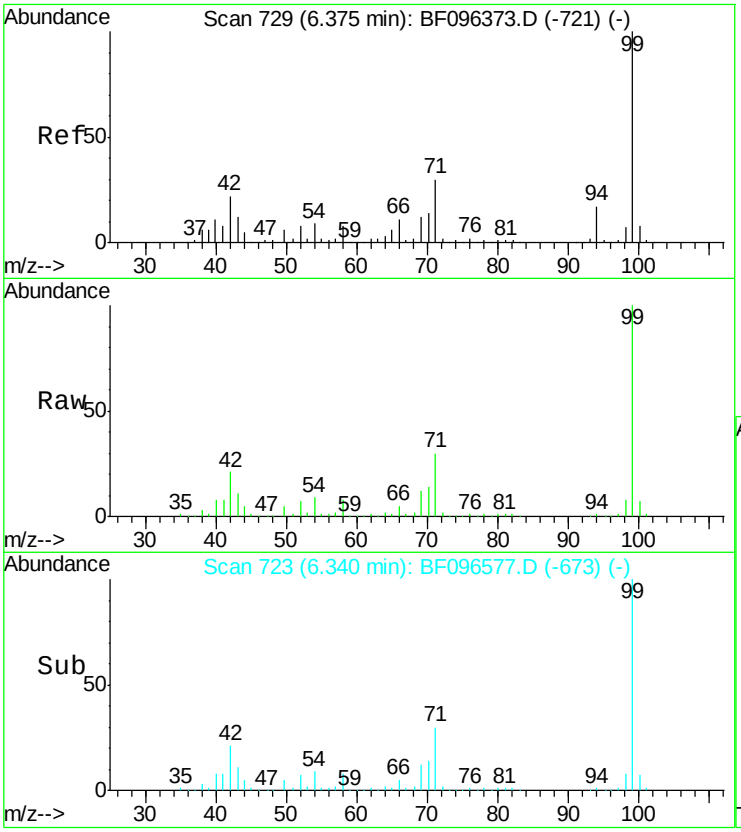


#5
2-Fluorophenol
Concen: 99.307 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:112 Resp: 767670

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	32.2	23.4	35.0



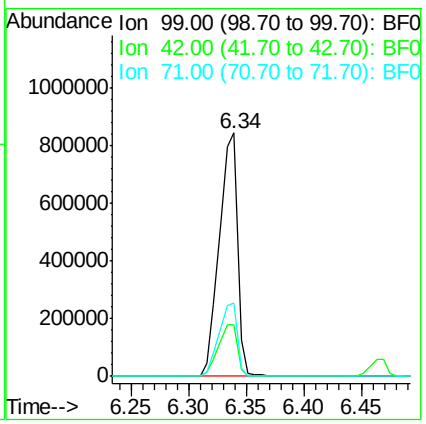


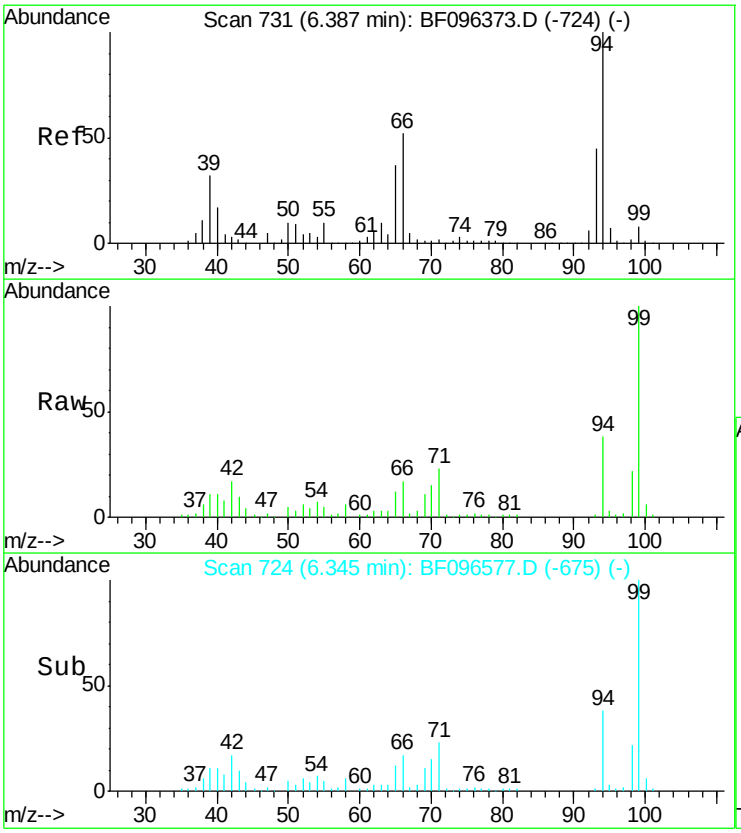
#7
Phenol-d6
Concen: 97.711 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion: 99 Resp: 928582

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.5	20.3#
71	30.3	24.5	36.7

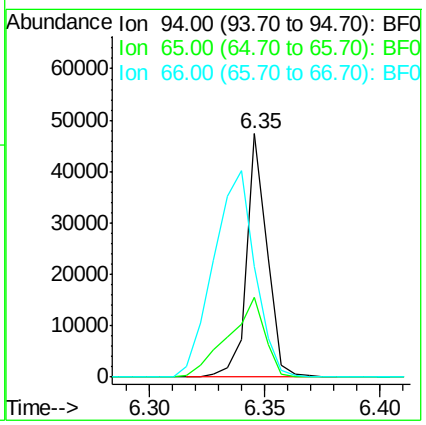


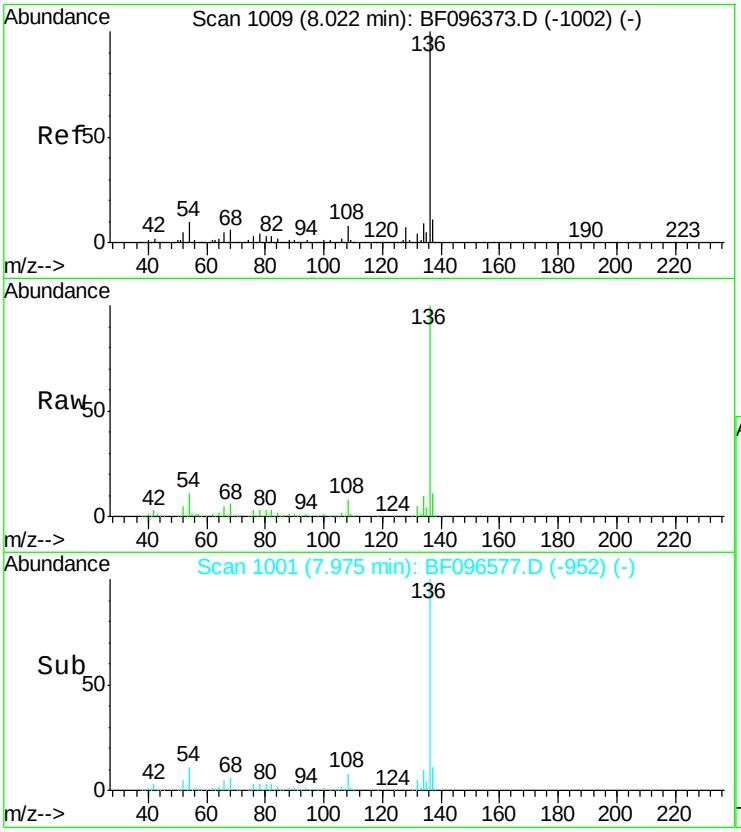


#10
Phenol
Concen: 2.716 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion: 94 Resp: 29410

Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	45.3	23.1	63.1



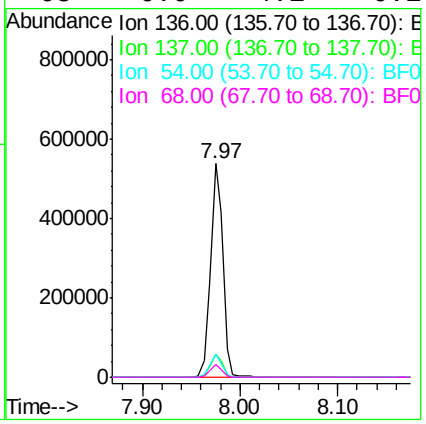


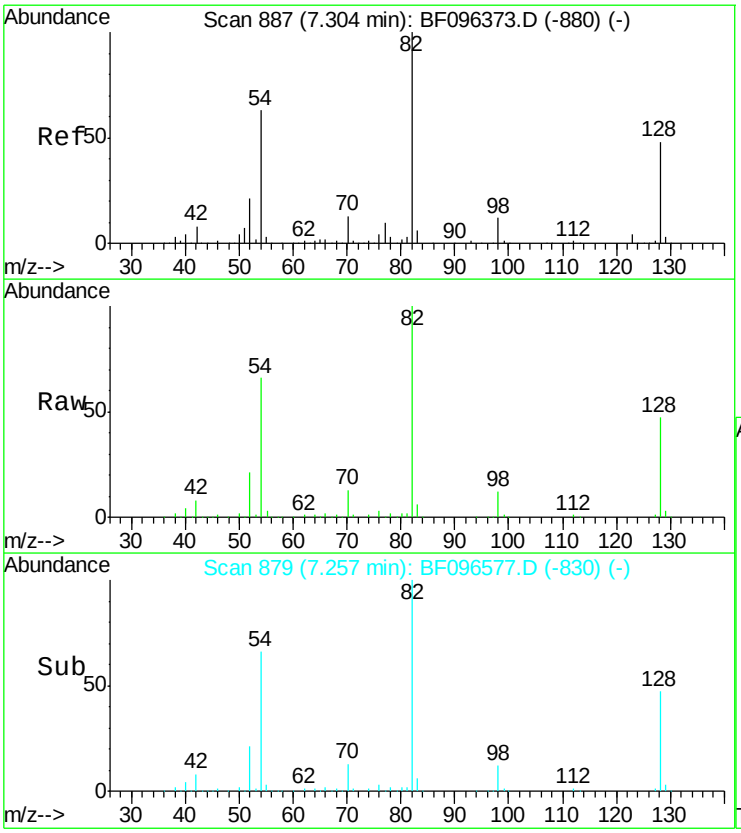
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion:136 Resp: 468149

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.6	4.9	7.3#
68	6.0	4.1	6.1

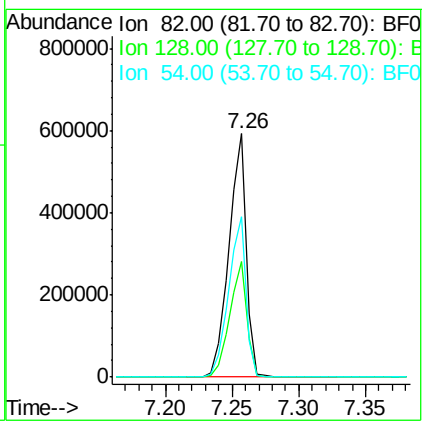


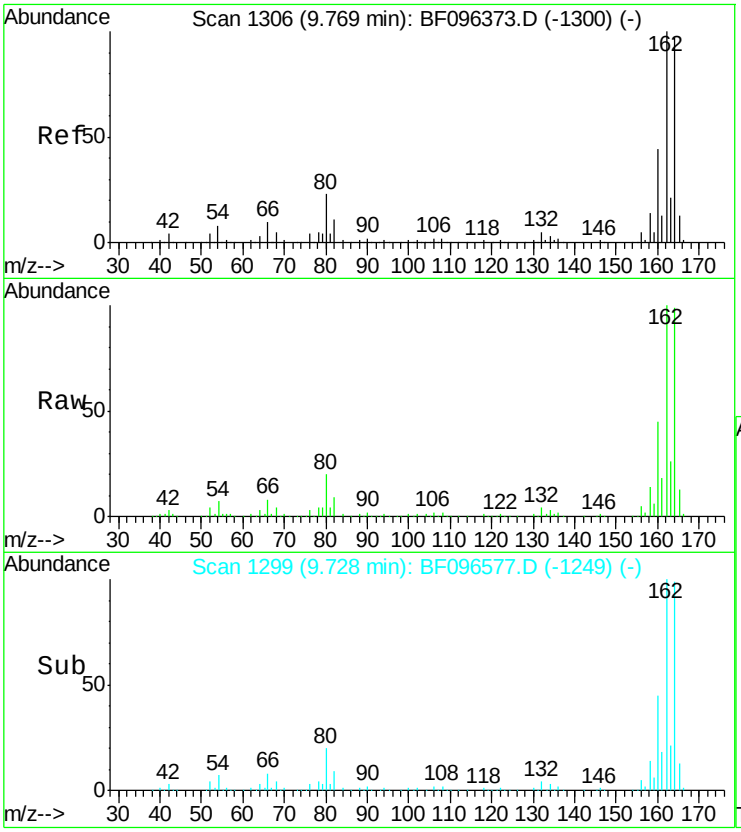


#23
Nitrobenzene-d5
Concen: 70.017 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion: 82 Resp: 545481

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	66.0	42.2	63.2#



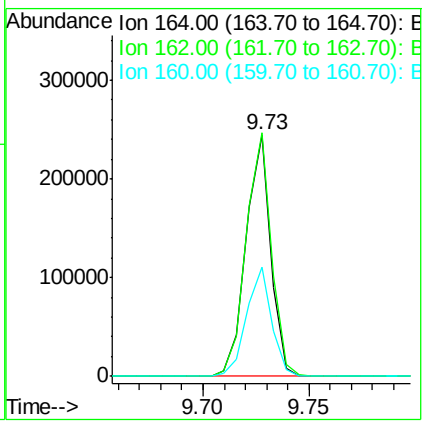


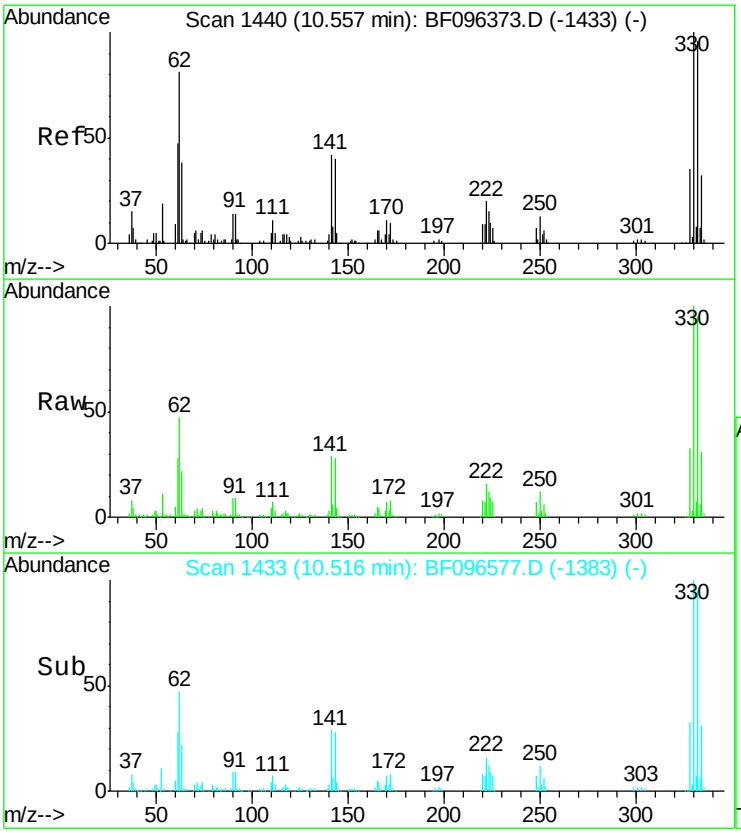
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion:164 Resp: 198899

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	45.3	36.2	54.2

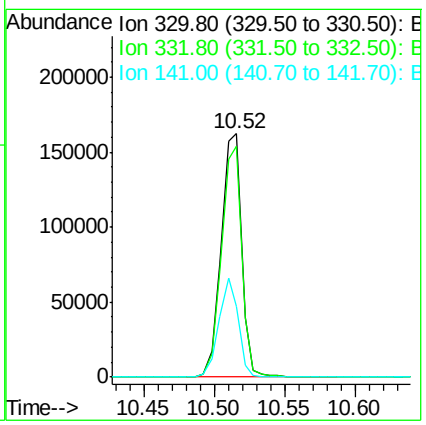


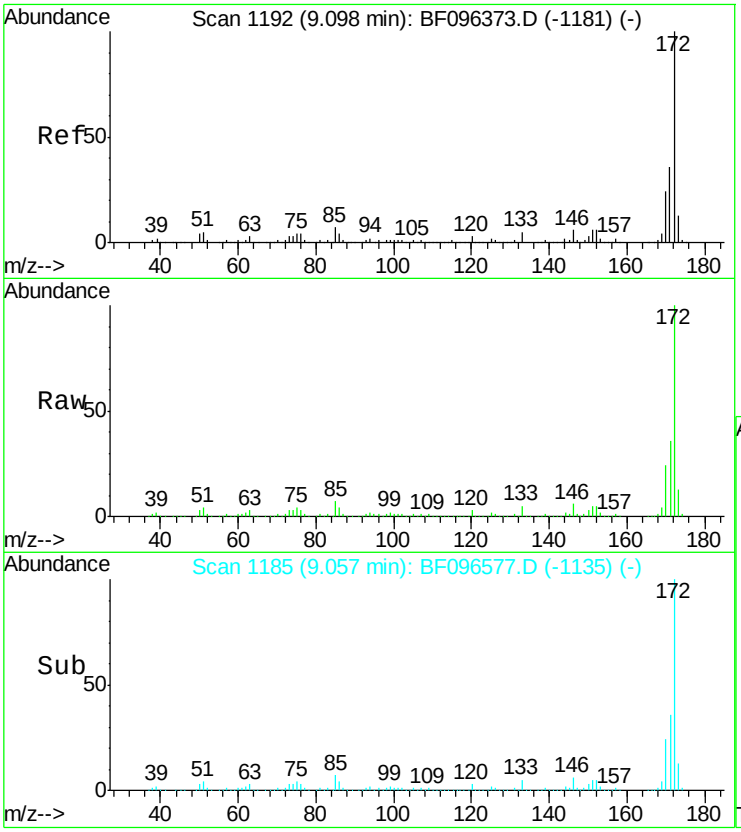


#41
2,4,6-Tribromophenol
Concen: 105.350 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:330 Resp: 163676

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	38.6	31.4	47.2



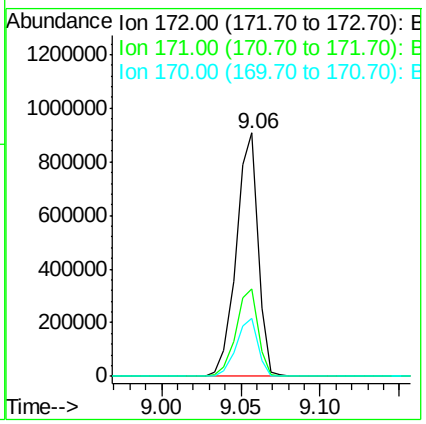


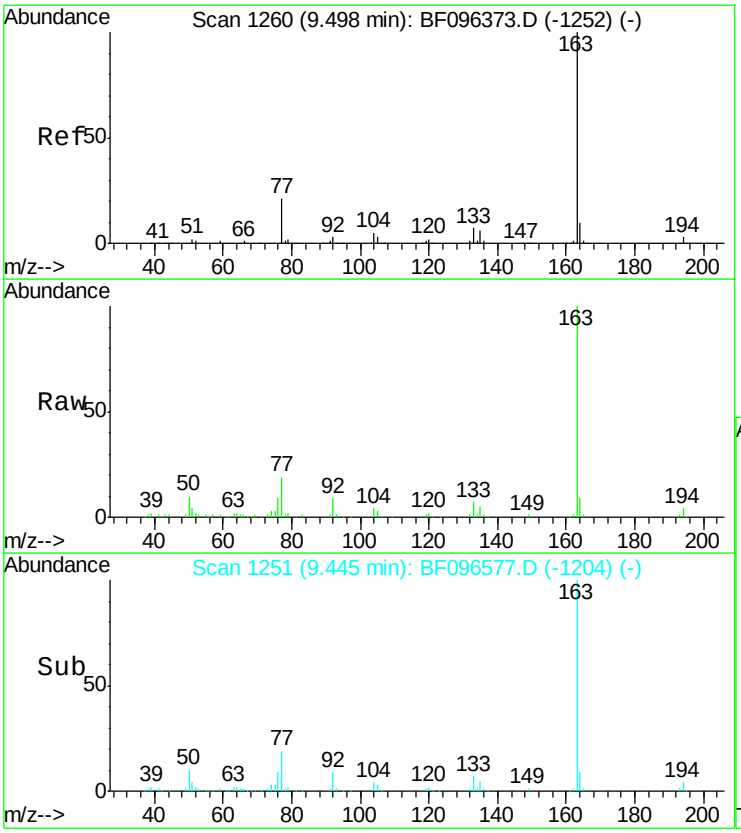
#44
2-Fluorobiphenyl
Concen: 74.357 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion:172 Resp: 864997

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8

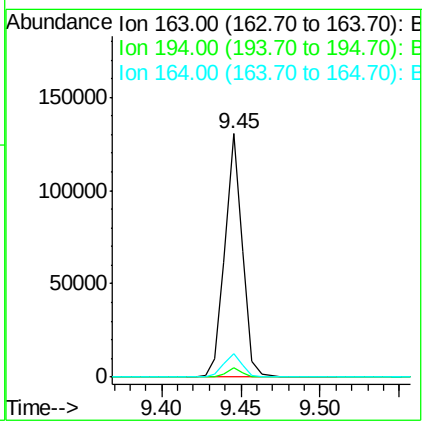


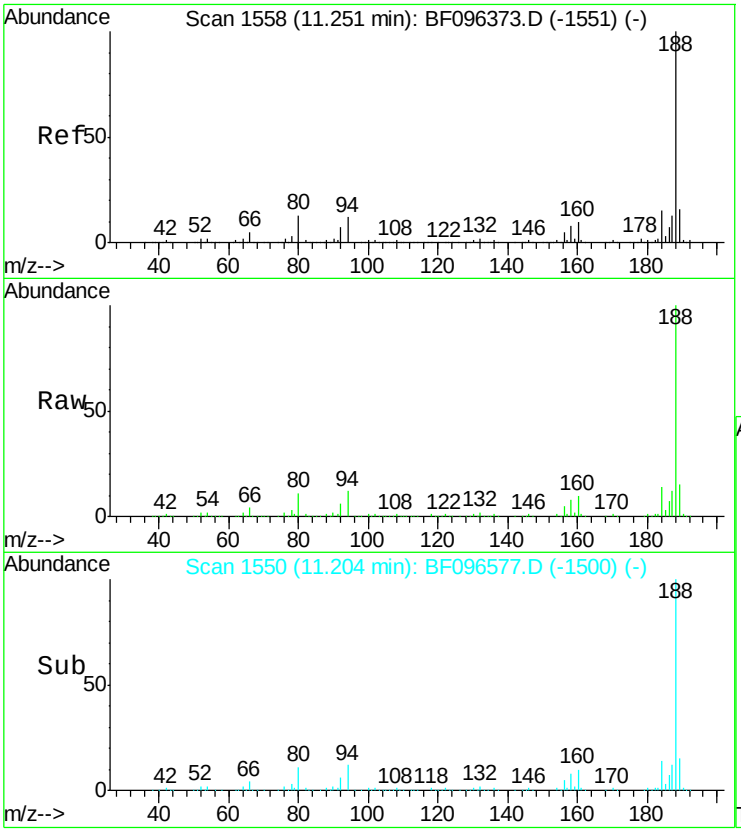


#49
Dimethylphthalate
Concen: 6.694 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:163 Resp: 99389

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.4	8.4	12.6



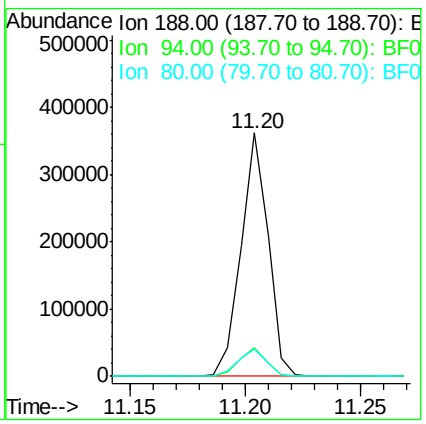


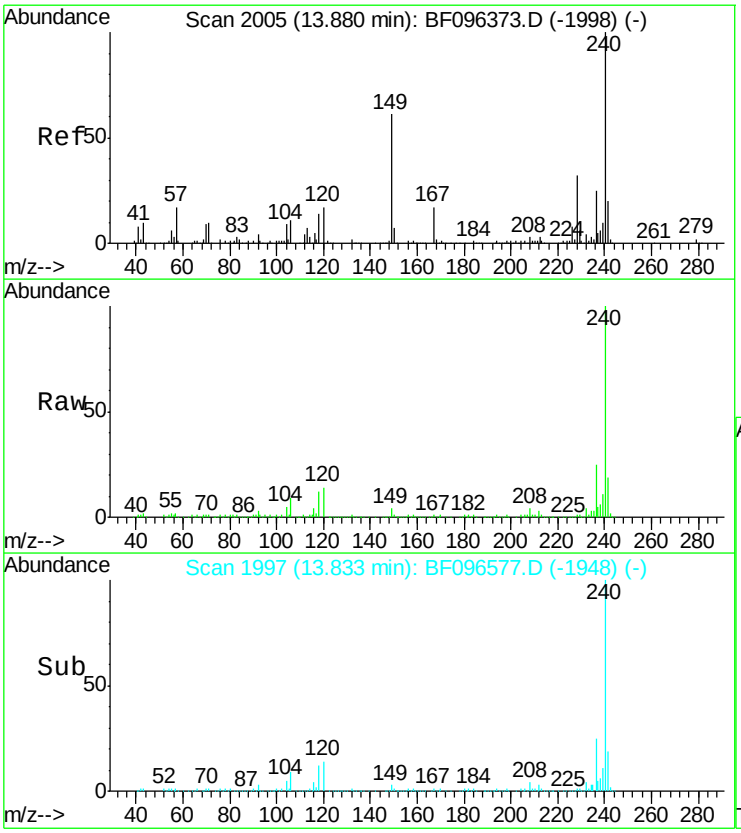
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion:188 Resp: 297353

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	11.4	10.2	15.2

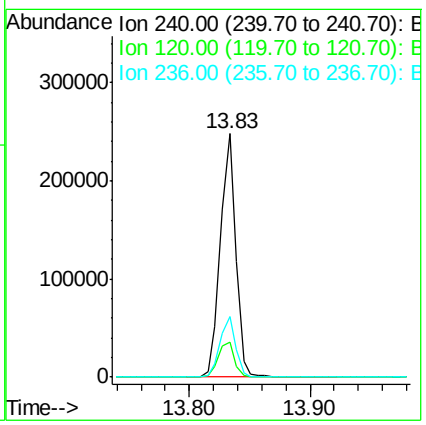


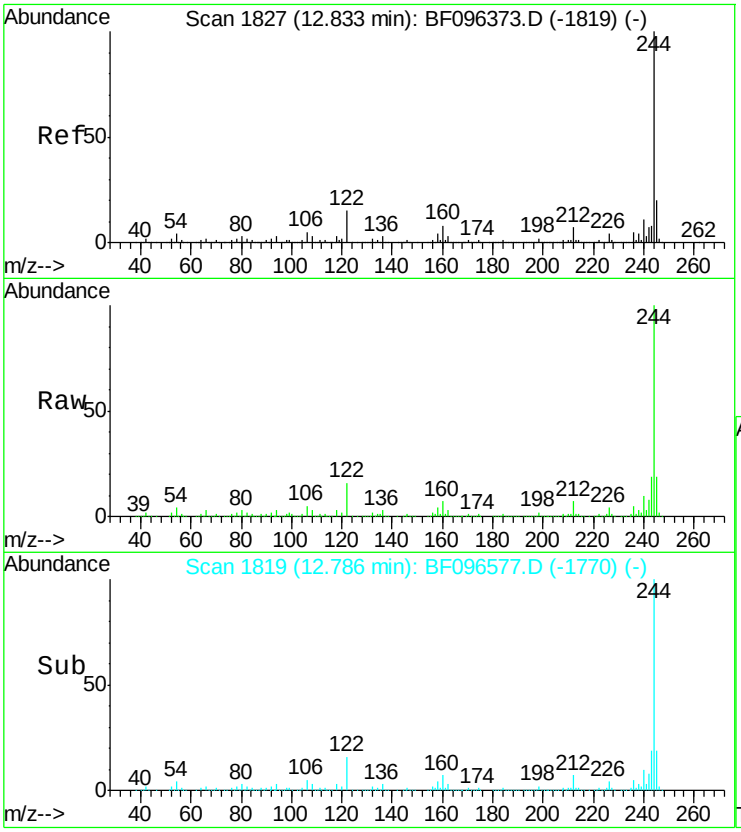


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:240 Resp: 218943

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.1	20.5	30.7



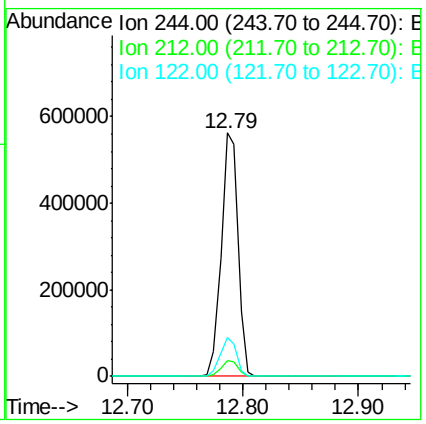


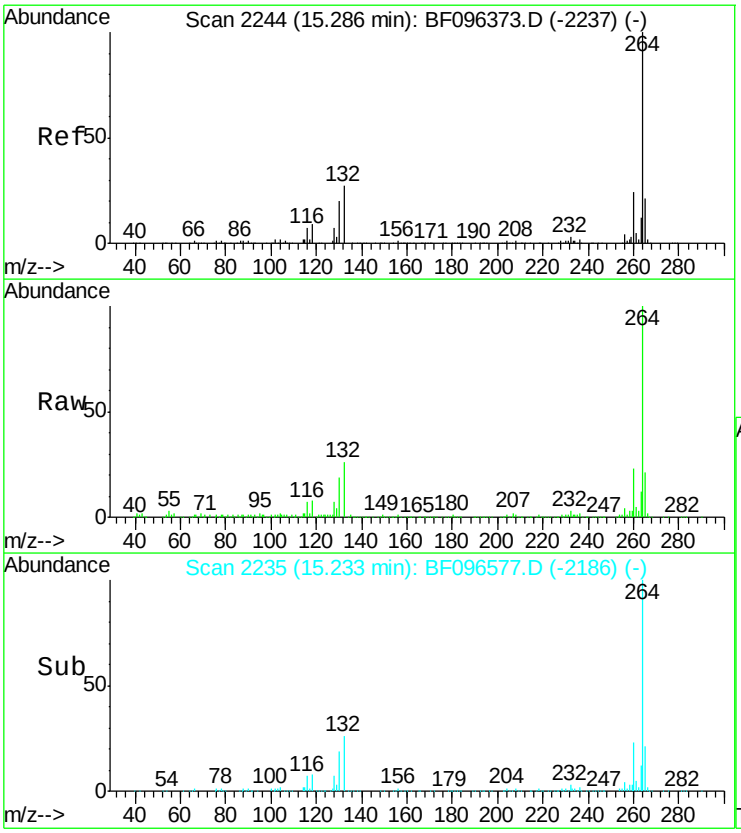
#78
Terphenyl-d14
Concen: 55.110 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion:244 Resp: 564665

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	16.1	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:264 Resp: 217637

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.9	17.2	25.8