Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096562.D
Acq On : 7 Jul 2017 16:37
Operator : SJ/MA
Sample : I4064-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PET-BF007-01

Quant Time: Jul 07 18:03:05 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	113566	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	437924	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	199146	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	360409	20.00	ng	0.00
75) Chrysene-d12	13.83	240	249100	20.00	ng	-0.01
86) Perylene-d12	15.23	264	184967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	774274	100.63	ng	0.00
7) Phenol-d6	6.33	99	972131	102.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	497856	68.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	182910	117.58	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	930711	79.91	ng	0.00
78) Terphenyl-d14	12.79	244	819960	70.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	30490	2.829	ng	93
49) Dimethylphthalate	9.45	163	80289	5.401	ng	99

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

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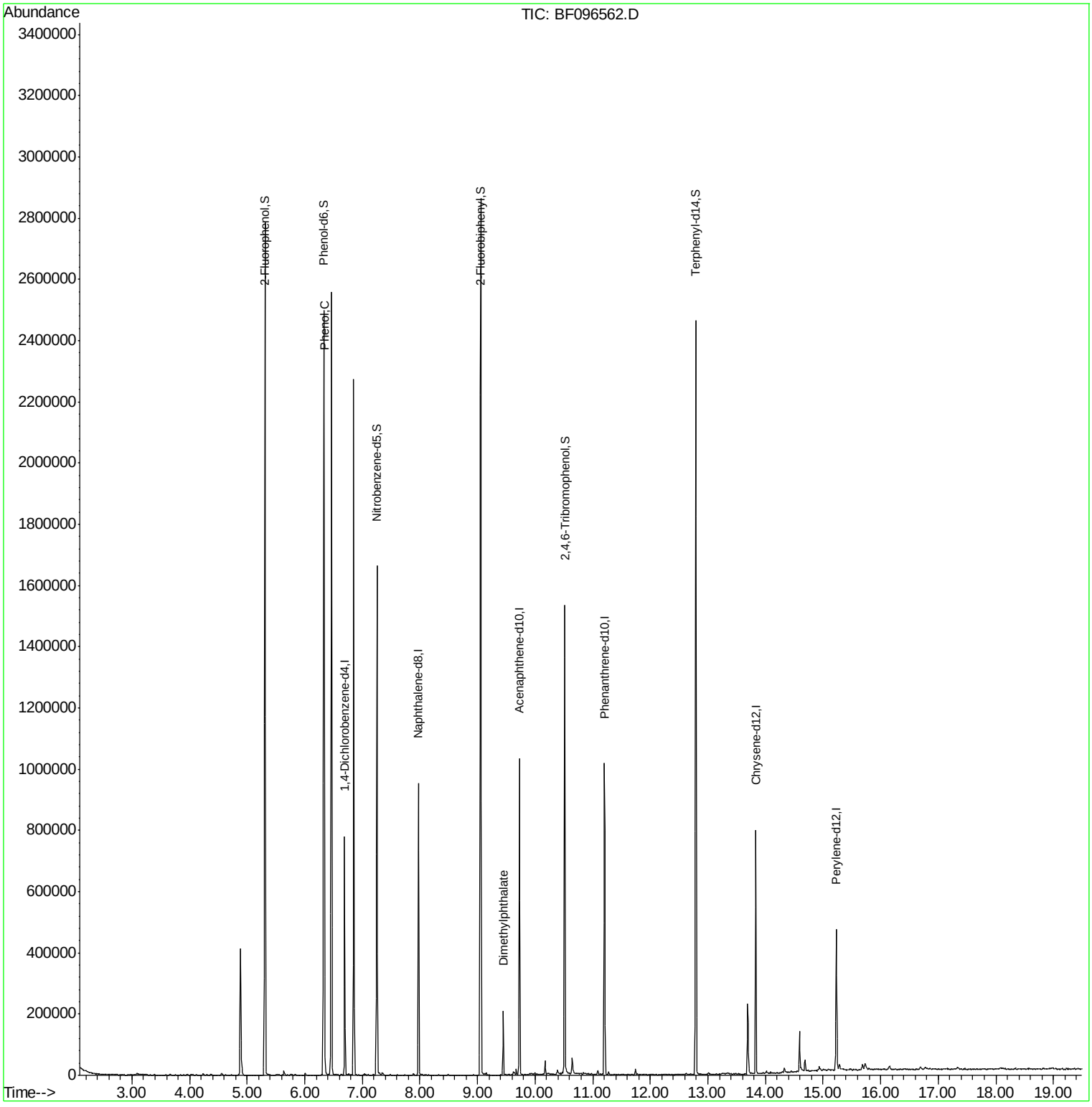
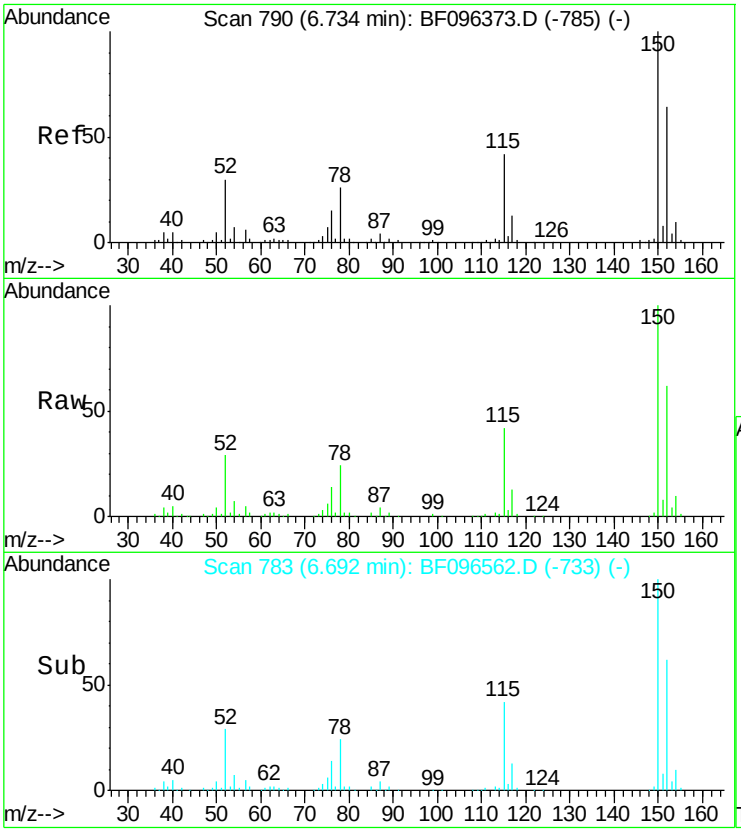


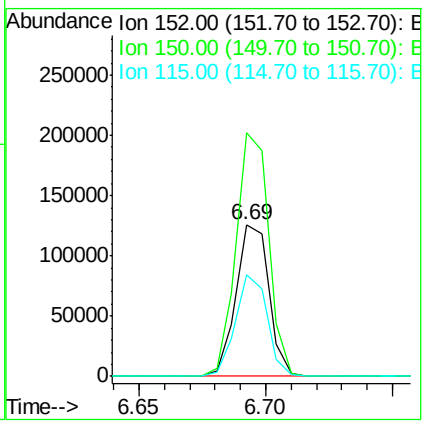


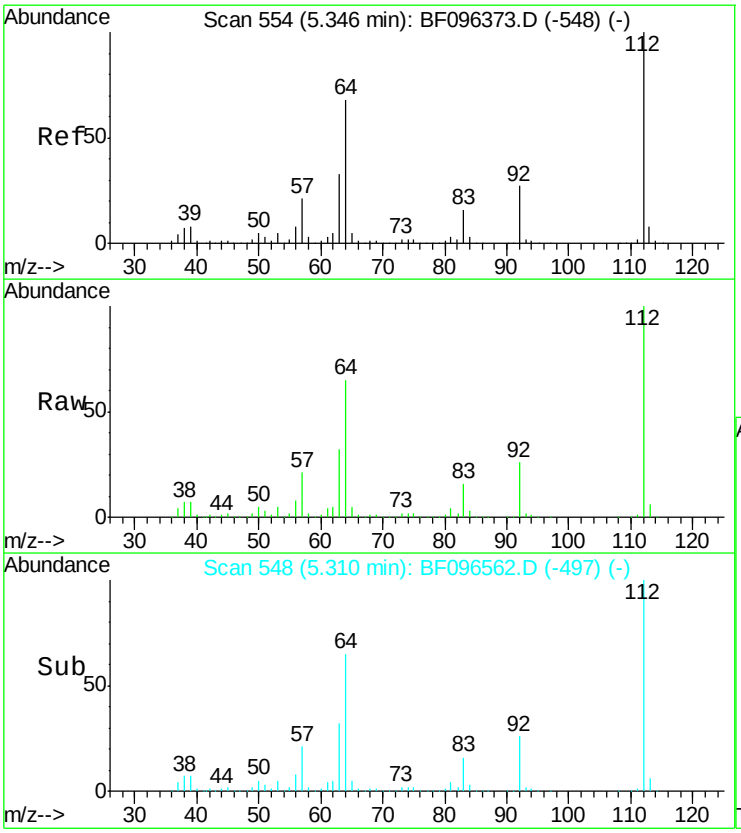
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion:152 Resp: 113566

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	66.9	52.2	78.2

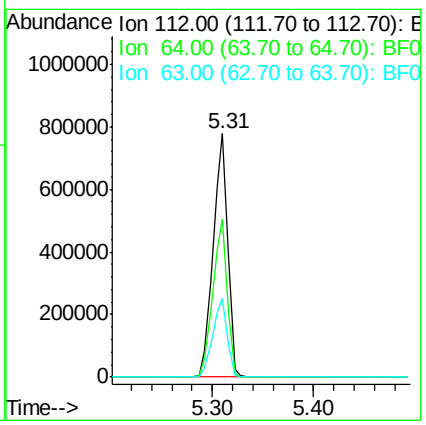


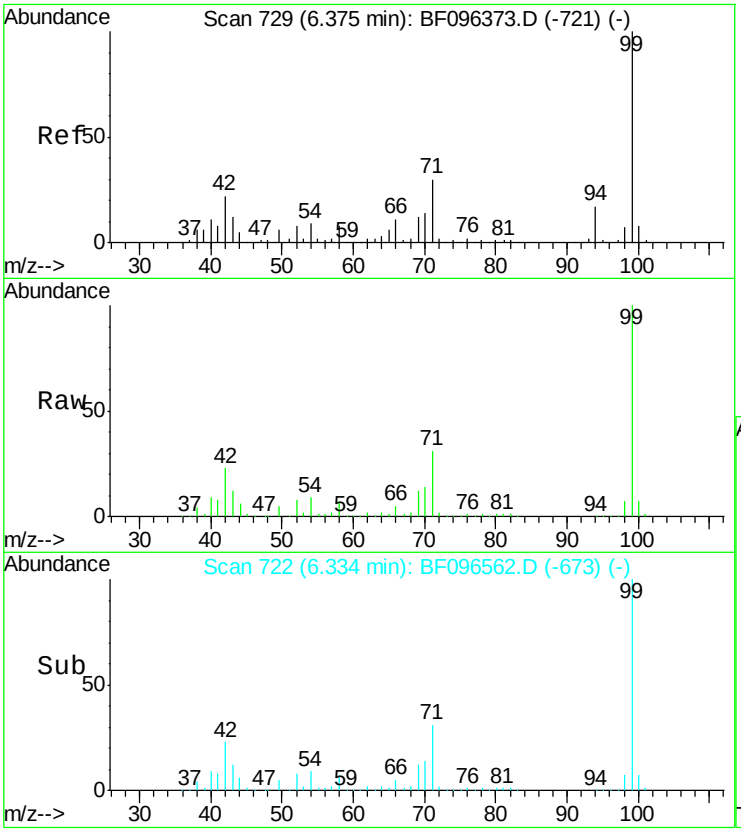


#5
2-Fluorophenol
Concen: 100.629 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:112 Resp: 774274

Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.0	69.0
63	32.5	23.4	35.0



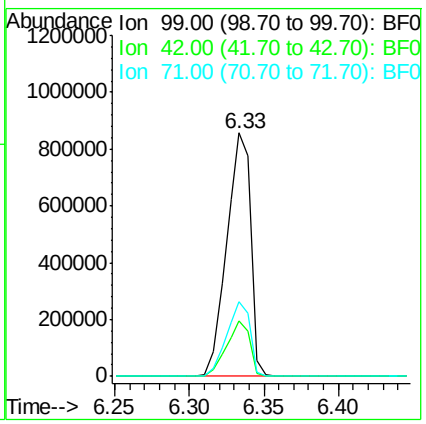


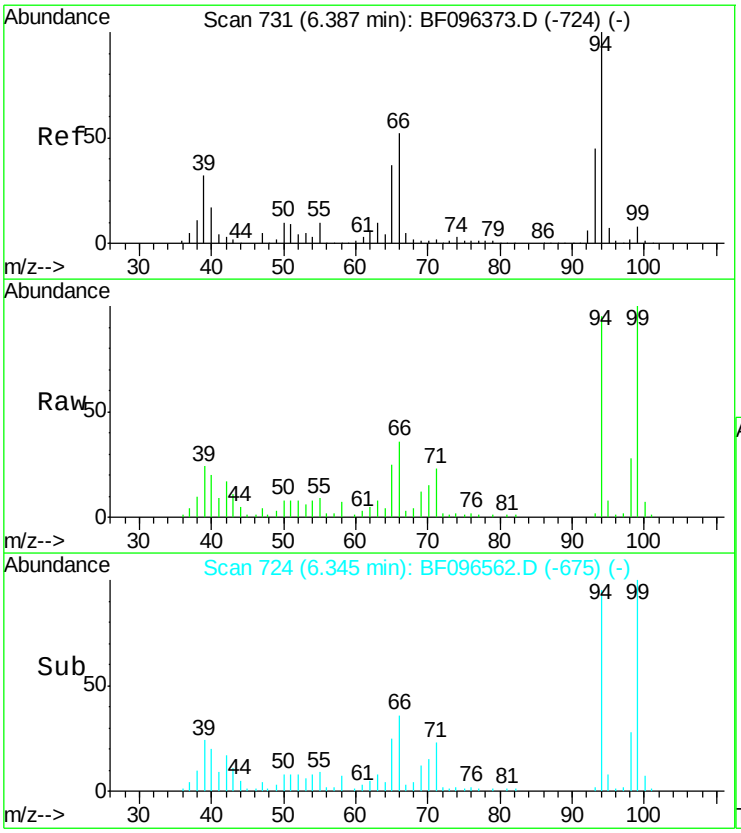
#7
Phenol-d6
Concen: 102.771 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion: 99 Resp: 972131

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	30.8	24.5	36.7

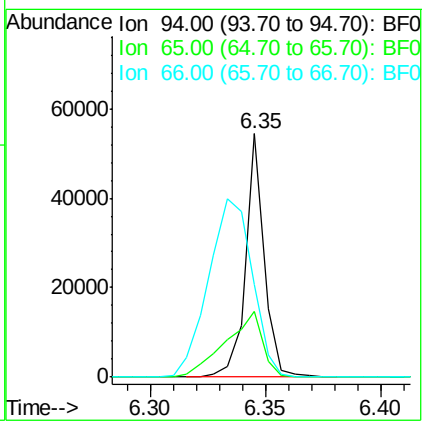


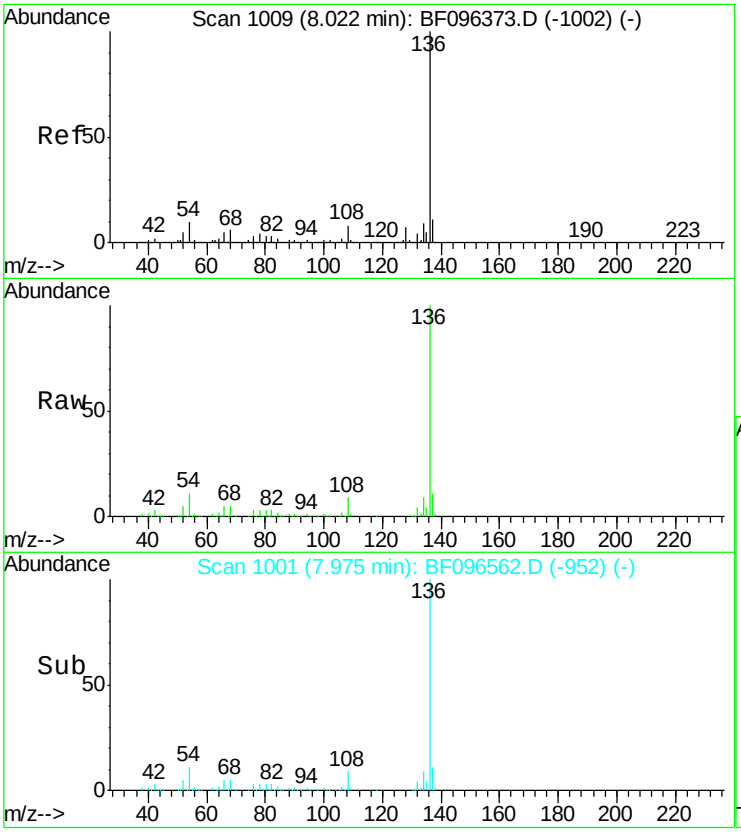


#10
Phenol
Concen: 2.829 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion: 94 Resp: 30490

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	37.8	23.1	63.1



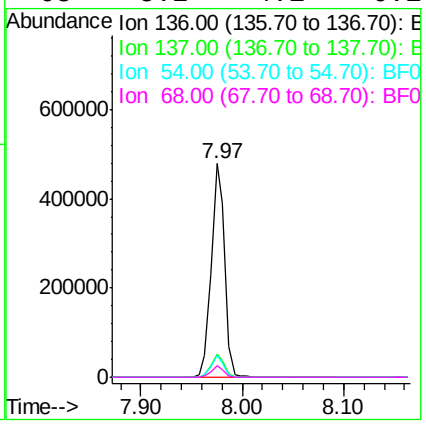


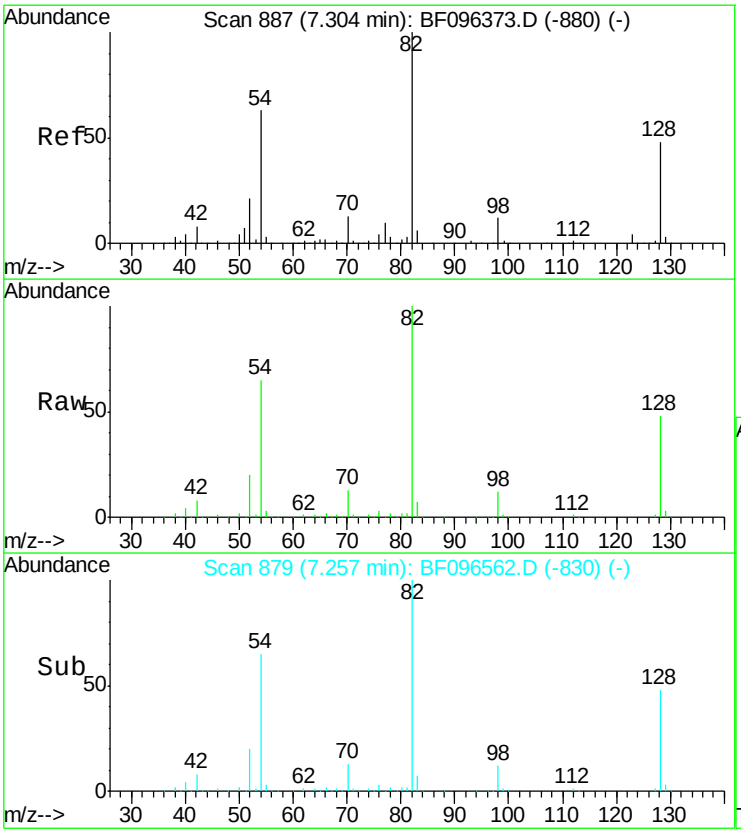
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion:136 Resp: 437924

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.5	4.9	7.3#
68	5.2	4.1	6.1

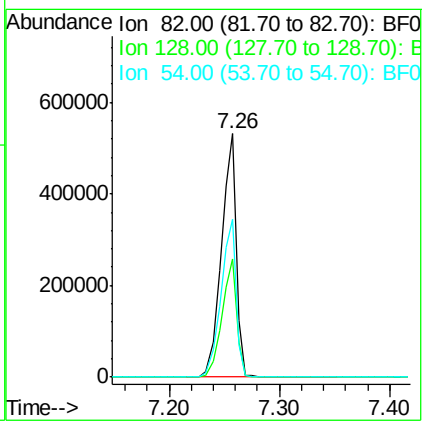


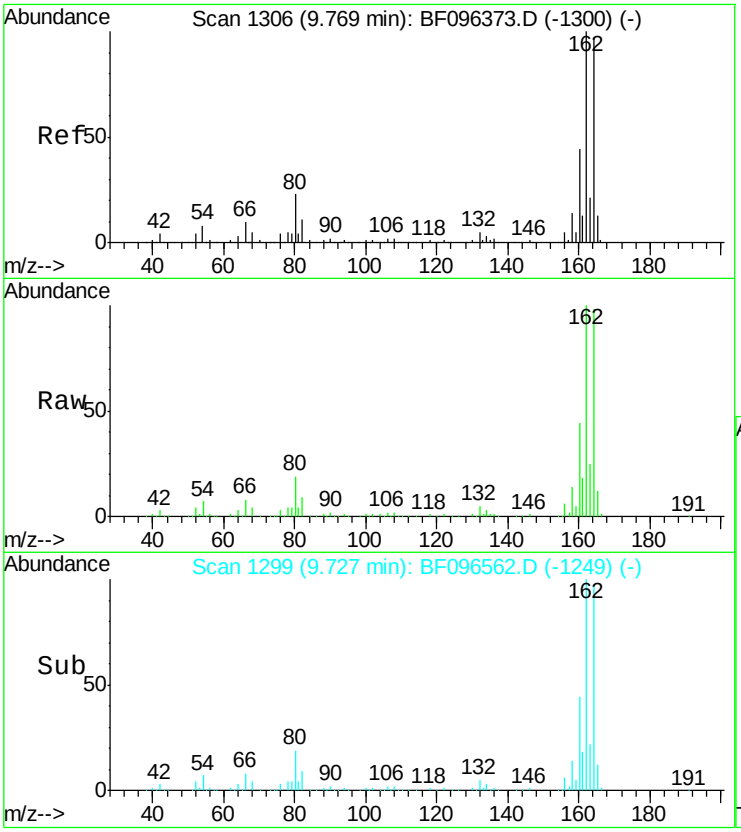


#23
Nitrobenzene-d5
Concen: 68.315 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion: 82 Resp: 497856

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	64.9	42.2	63.2#



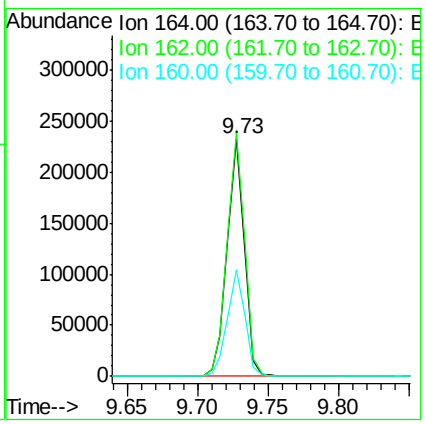


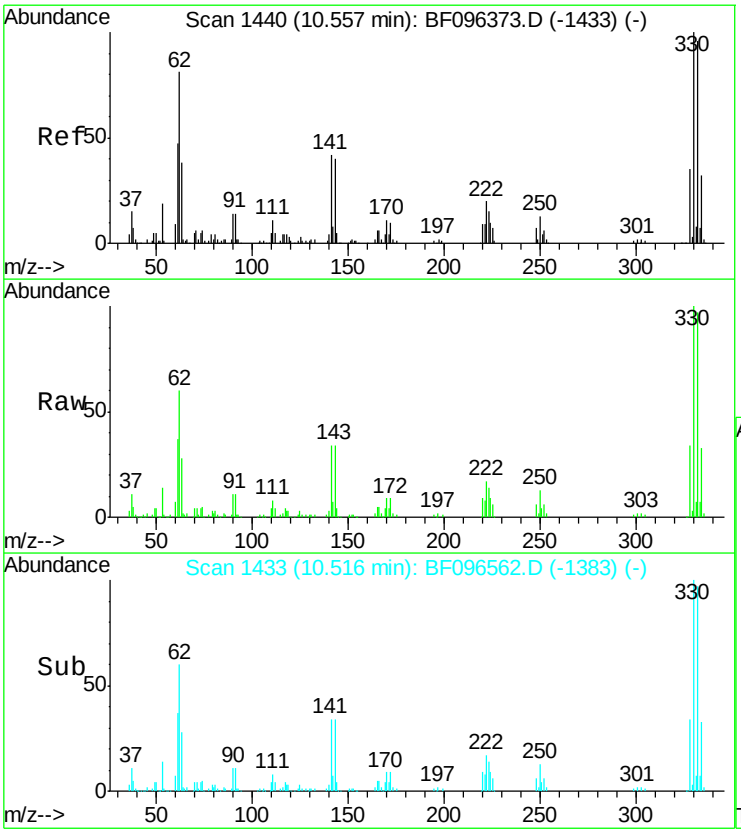
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion:164 Resp: 199146

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.1	36.2	54.2

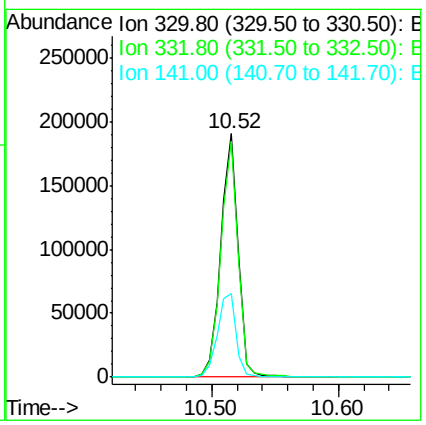


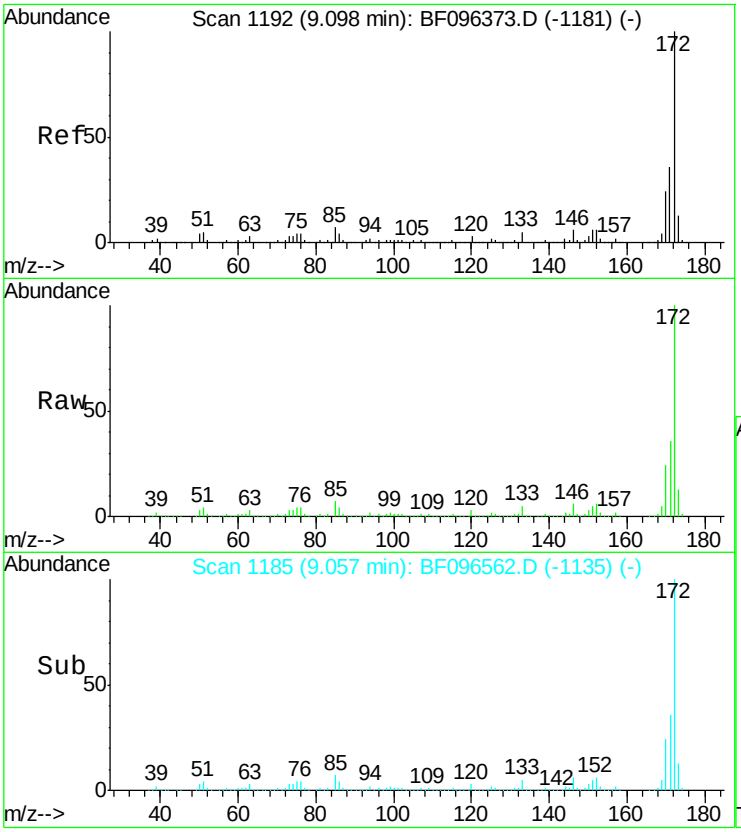


#41
2,4,6-Tribromophenol
Concen: 117.584 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:330 Resp: 182910

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	36.9	31.4	47.2



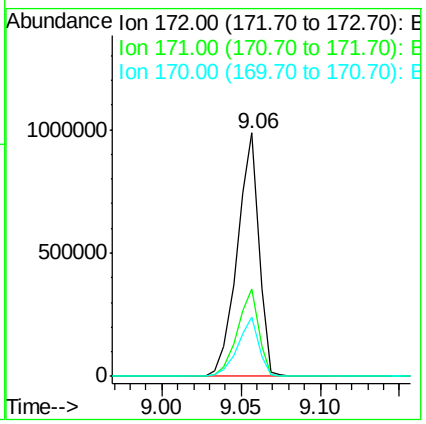


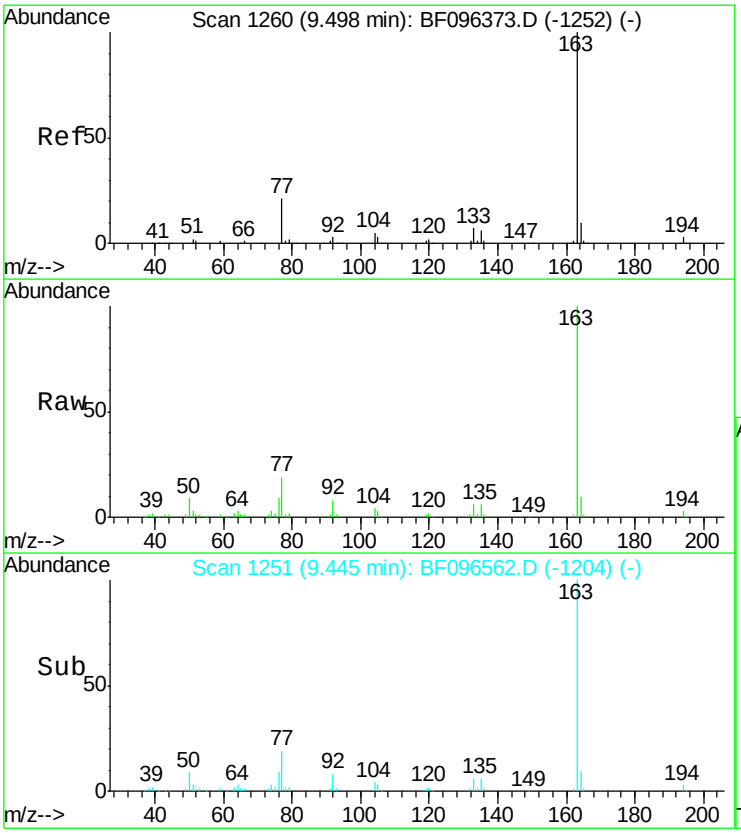
#44
2-Fluorobiphenyl
Concen: 79.906 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion:172 Resp: 930711

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8

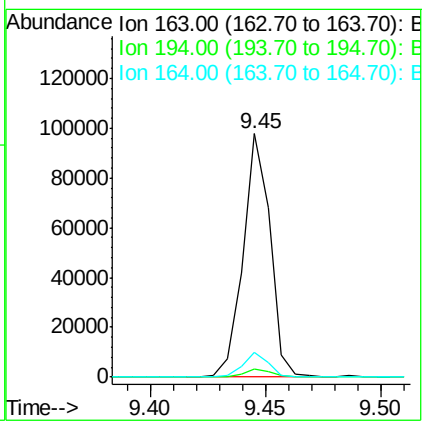


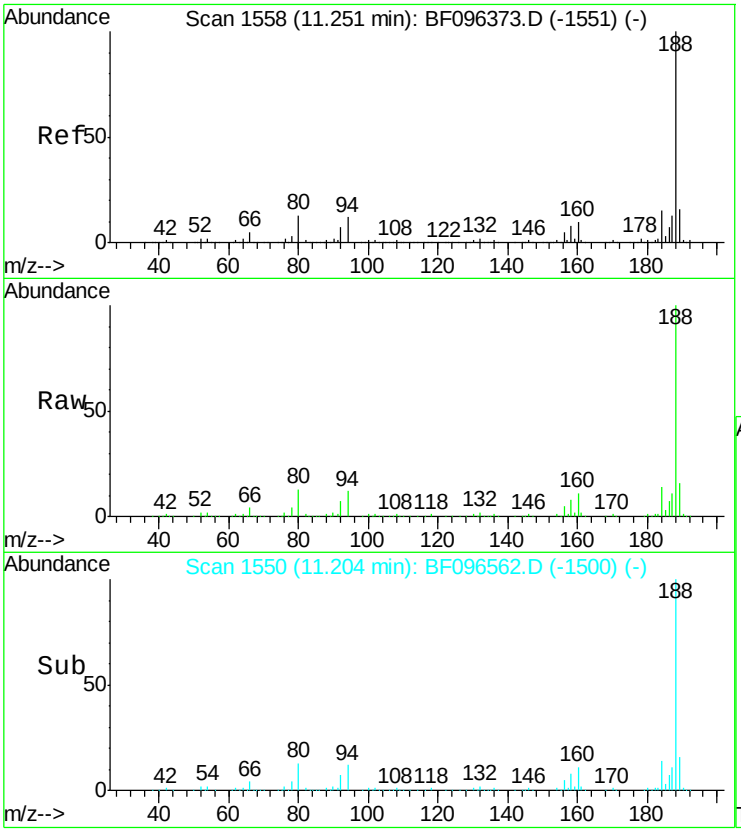


#49
Dimethylphthalate
Concen: 5.401 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:163 Resp: 80289

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6



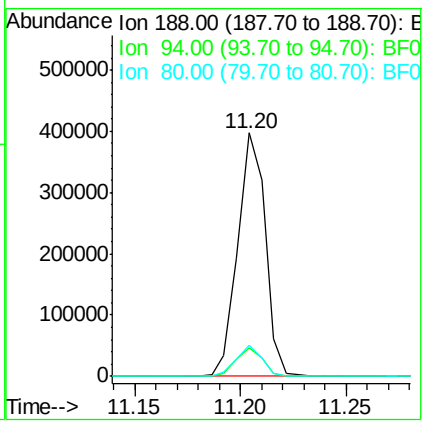


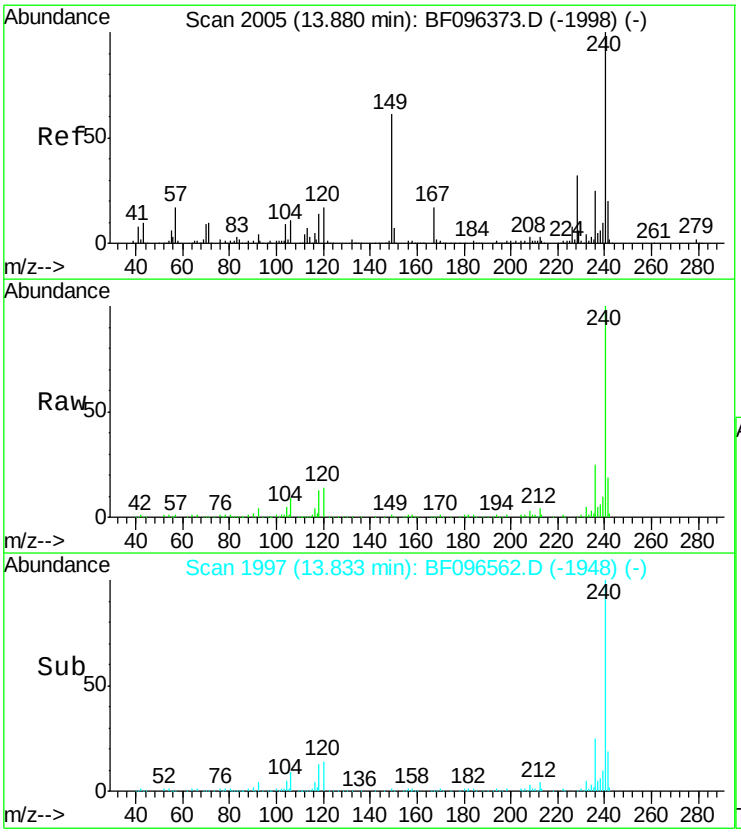
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion:188 Resp: 360409

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.5	10.2	15.2

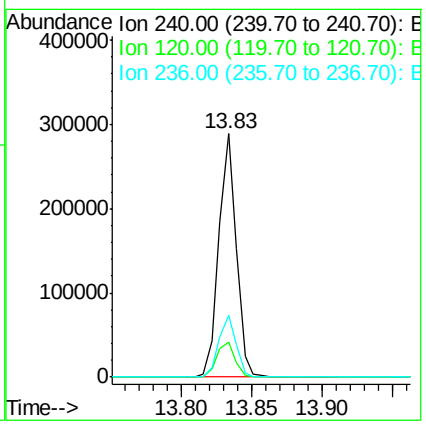


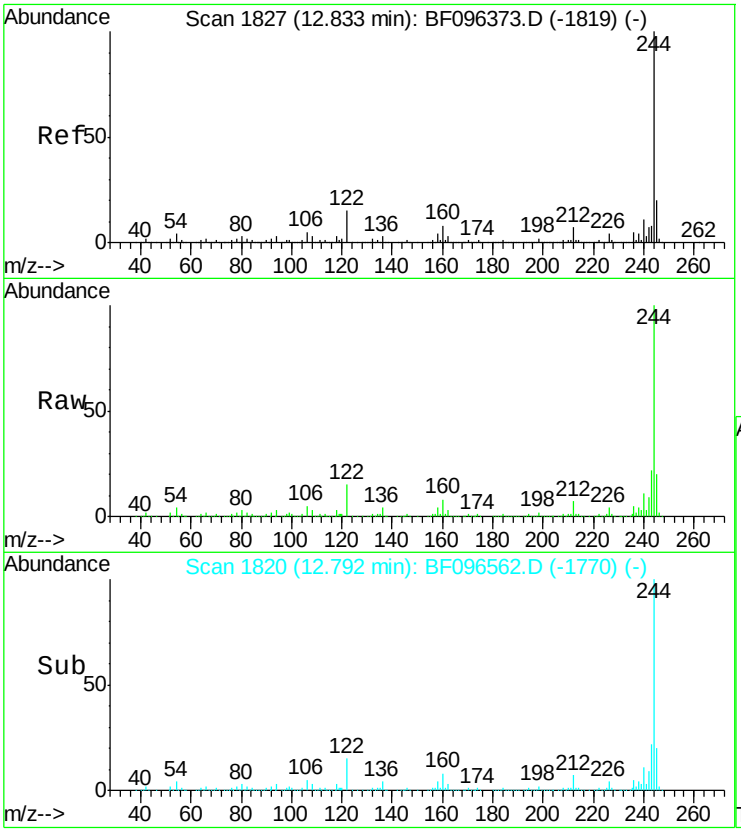


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:240 Resp: 249100

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.4	20.5	30.7



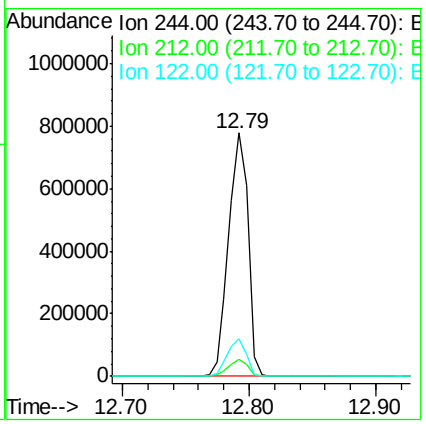


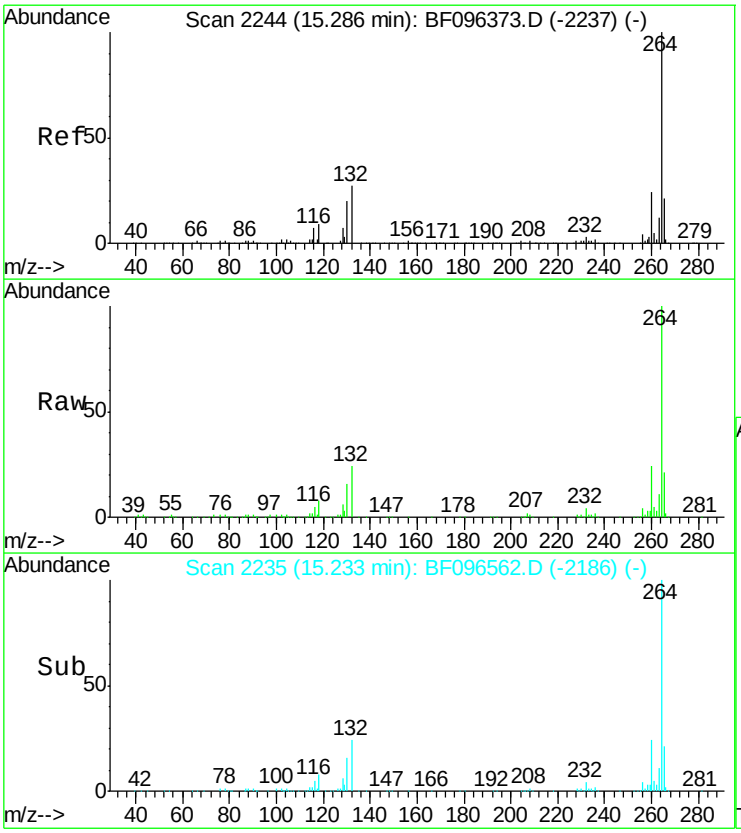
#78
Terphenyl-d14
Concen: 70.338 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PET-BF007-01

Tgt Ion:244 Resp: 819960

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.5	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: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:264 Resp: 184967

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.5	17.2	25.8