Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096553.D
Acq On : 7 Jul 2017 12:31
Operator : SJ/MA
Sample : I4064-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PET-BF001-01

Quant Time: Jul 07 13:15:29 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	6.70	152	103057	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	445035	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	225332	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	390736	20.00	ng	0.00
75) Chrysene-d12	13.83	240	281058	20.00	ng	-0.01
86) Perylene-d12	15.23	264	201963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	818477	117.22	ng	0.00
7) Phenol-d6	6.34	99	897155	104.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	527218	71.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	201085	114.25	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1024547	77.74	ng	0.00
78) Terphenyl-d14	12.79	244	843410	64.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	28622	2.927	ng	89
49) Dimethylphthalate	9.45	163	106904	6.355	ng	99

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

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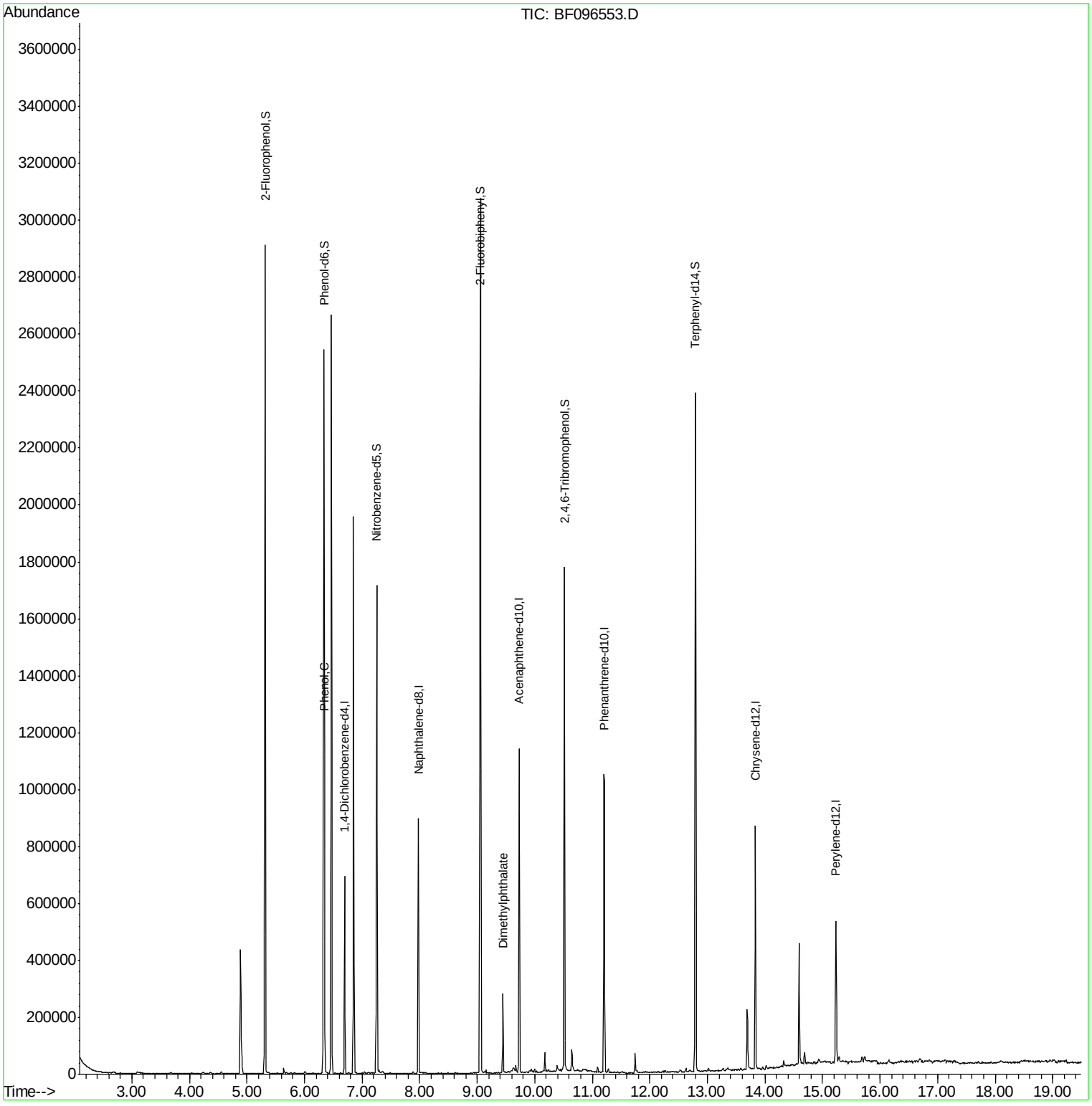
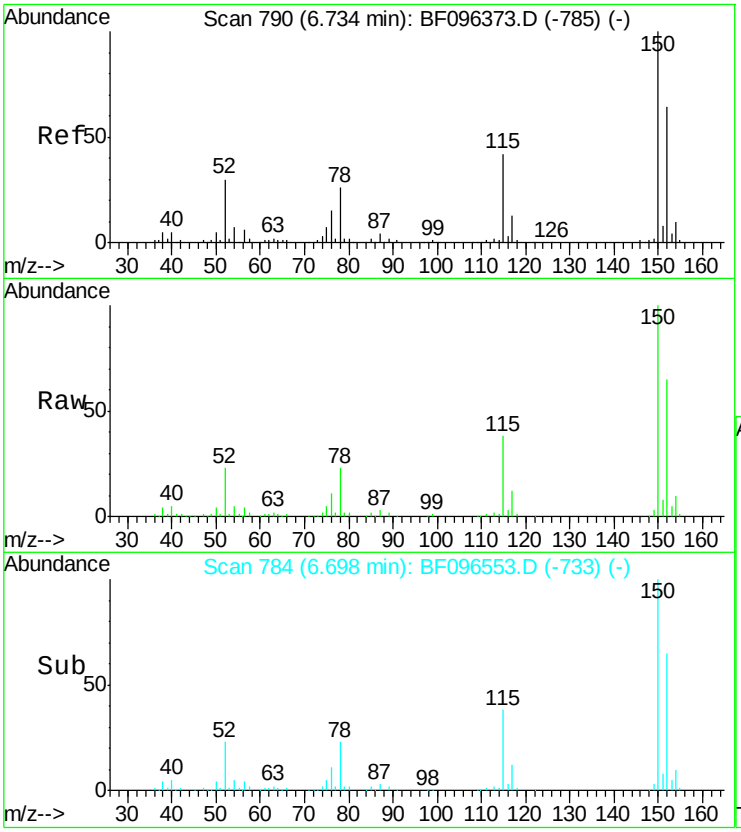


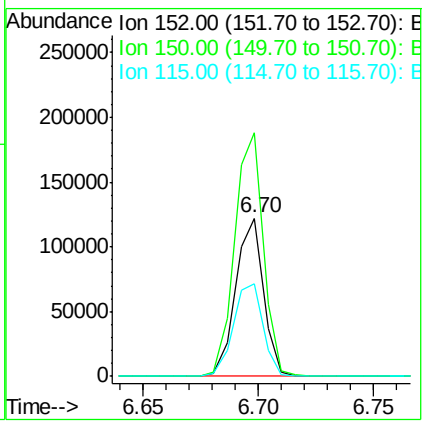


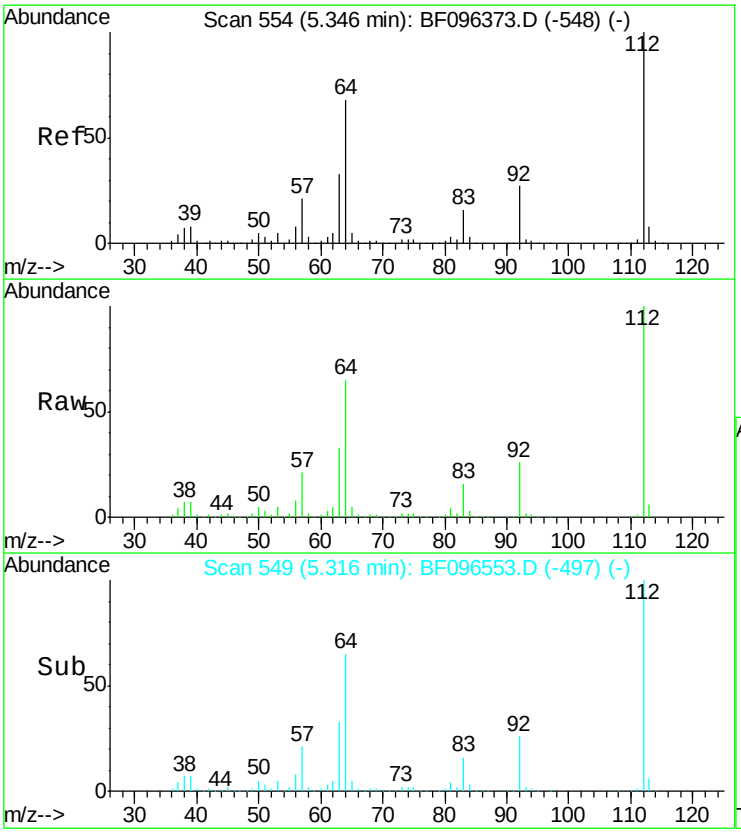
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:152 Resp: 103057

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	58.7	52.2	78.2

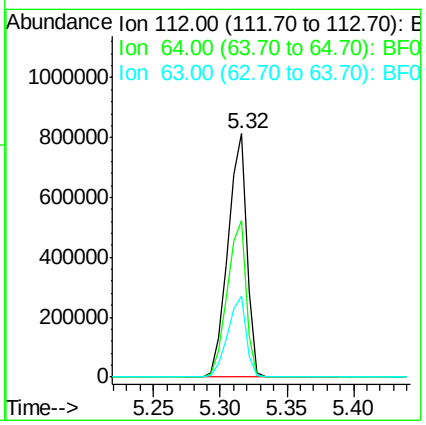


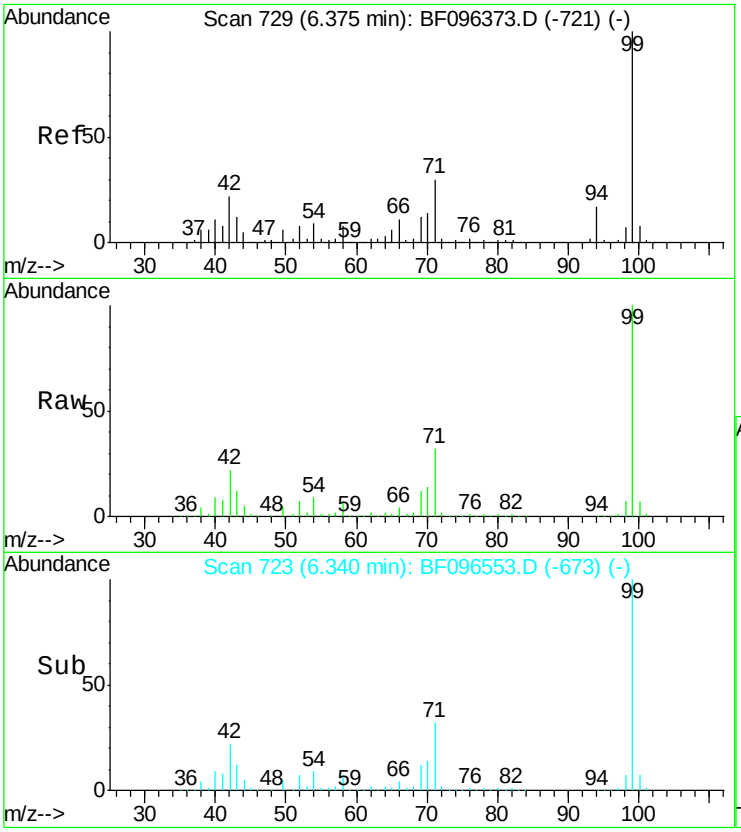


#5
2-Fluorophenol
Concen: 117.221 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:112 Resp: 818477

Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.0	69.0
63	33.2	23.4	35.0



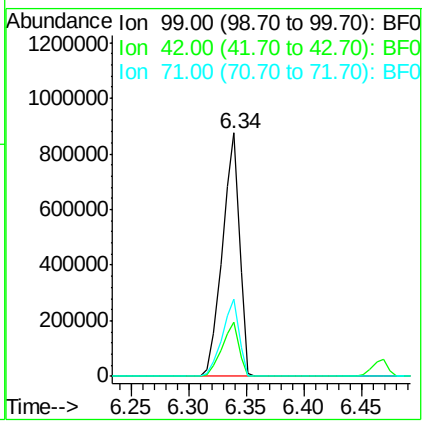


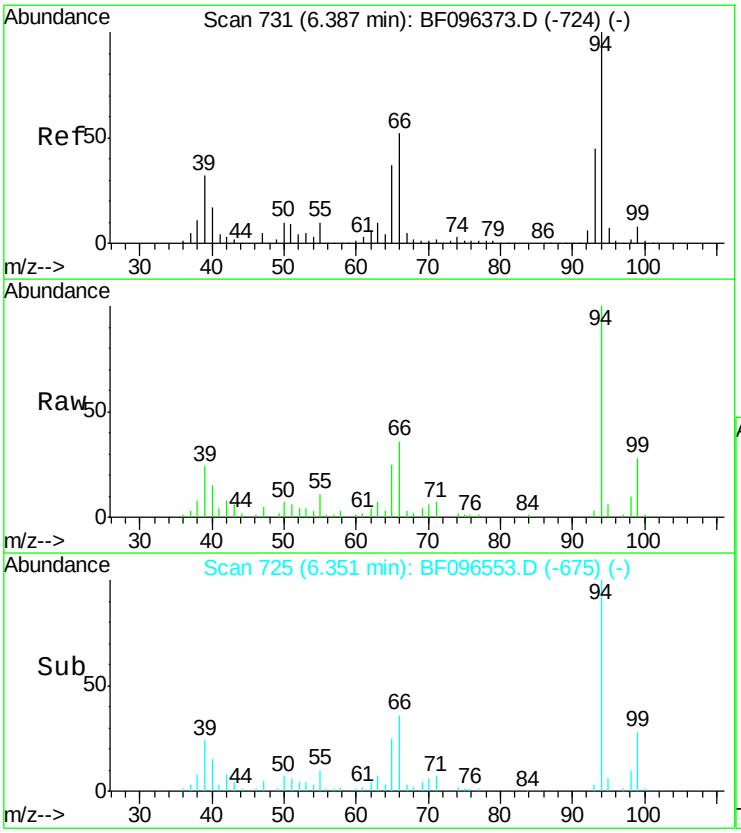
#7
Phenol-d6
Concen: 104.517 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion: 99 Resp: 897155

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.7	24.5	36.7

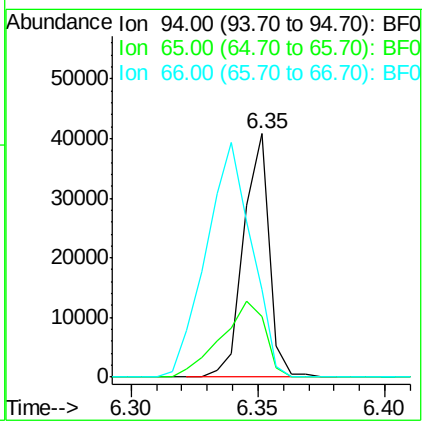


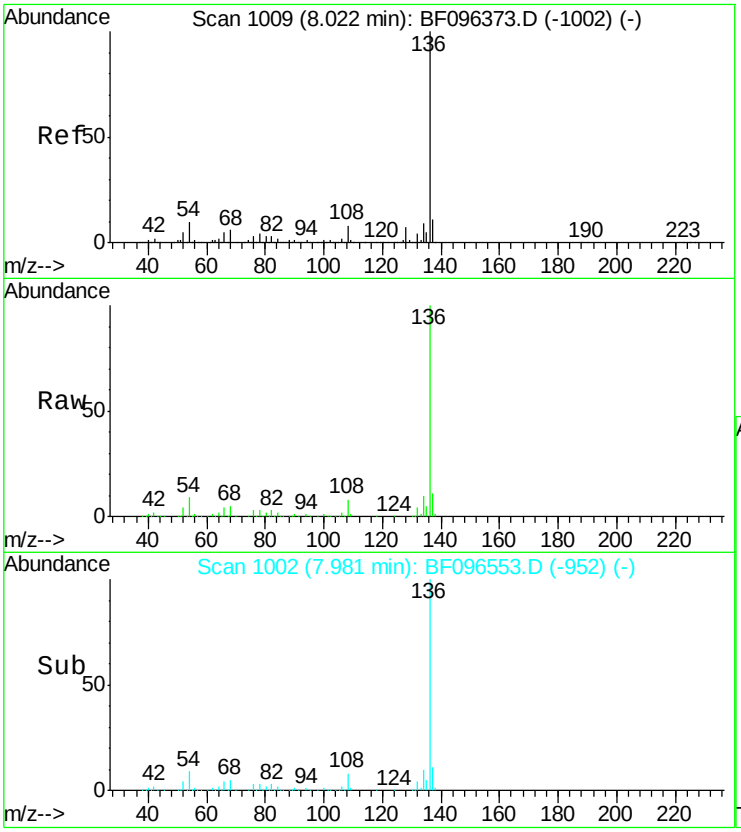


#10
Phenol
Concen: 2.927 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion: 94 Resp: 28622

Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	35.9	23.1	63.1



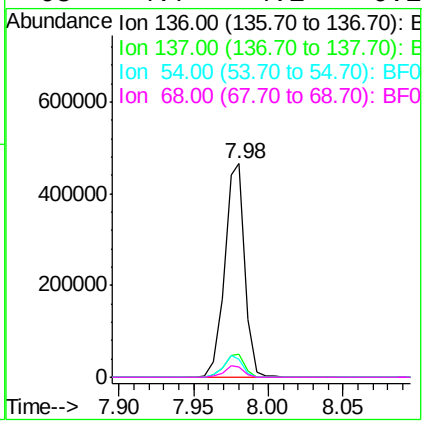


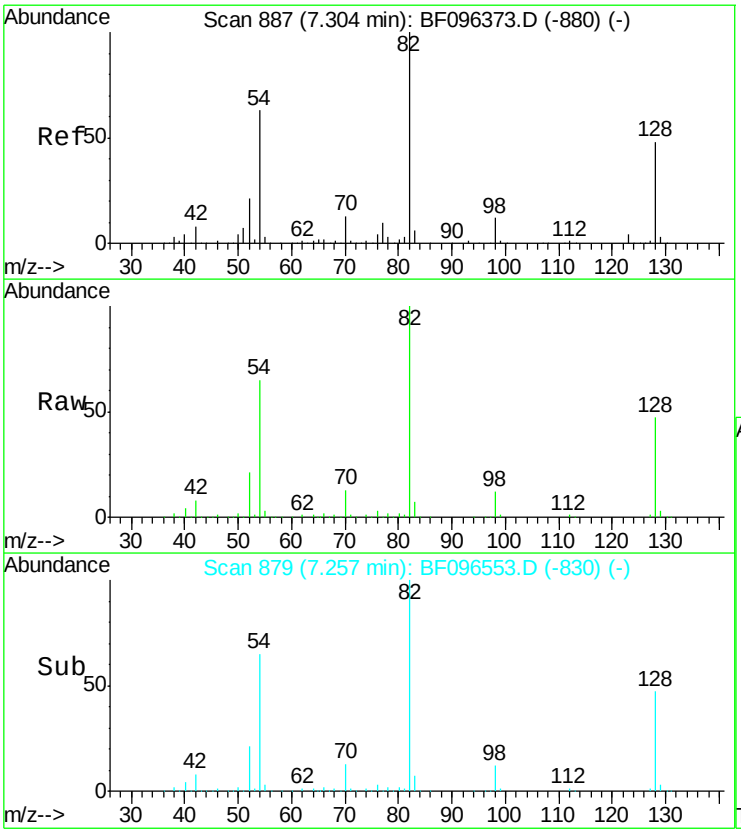
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:136 Resp: 445035

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.6	4.9	7.3#
68	4.7	4.1	6.1

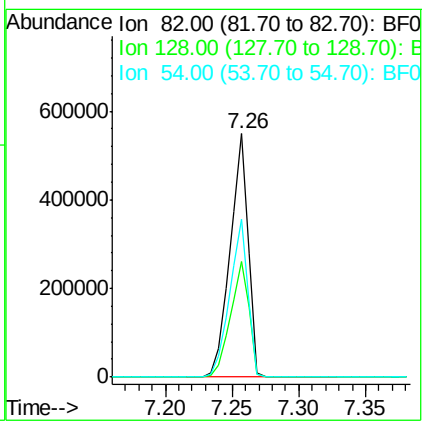


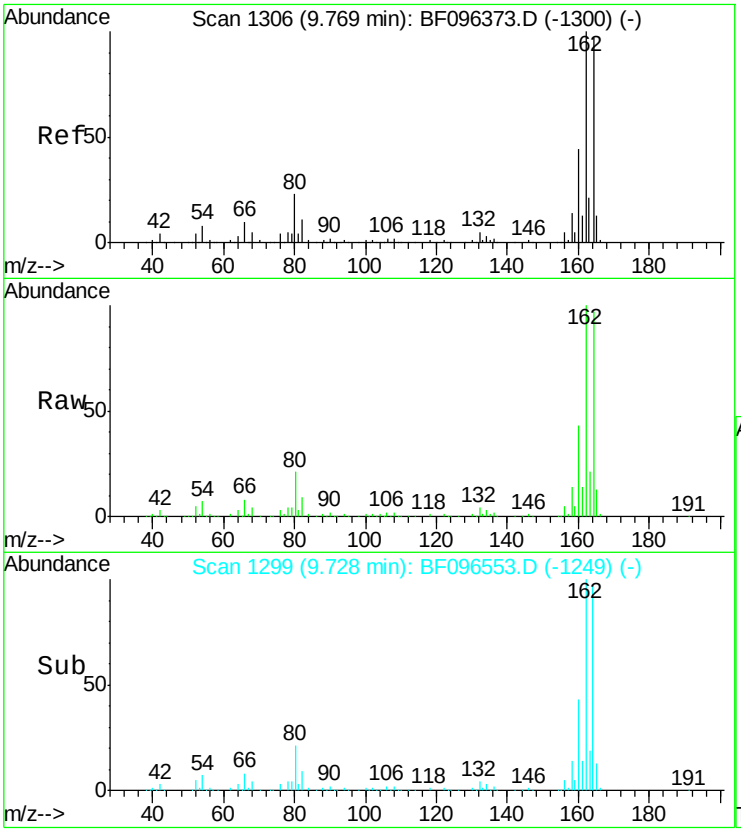


#23
Nitrobenzene-d5
Concen: 71.188 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion: 82 Resp: 527218

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	64.7	42.2	63.2#



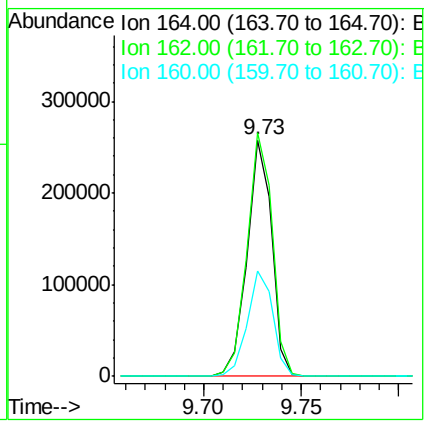


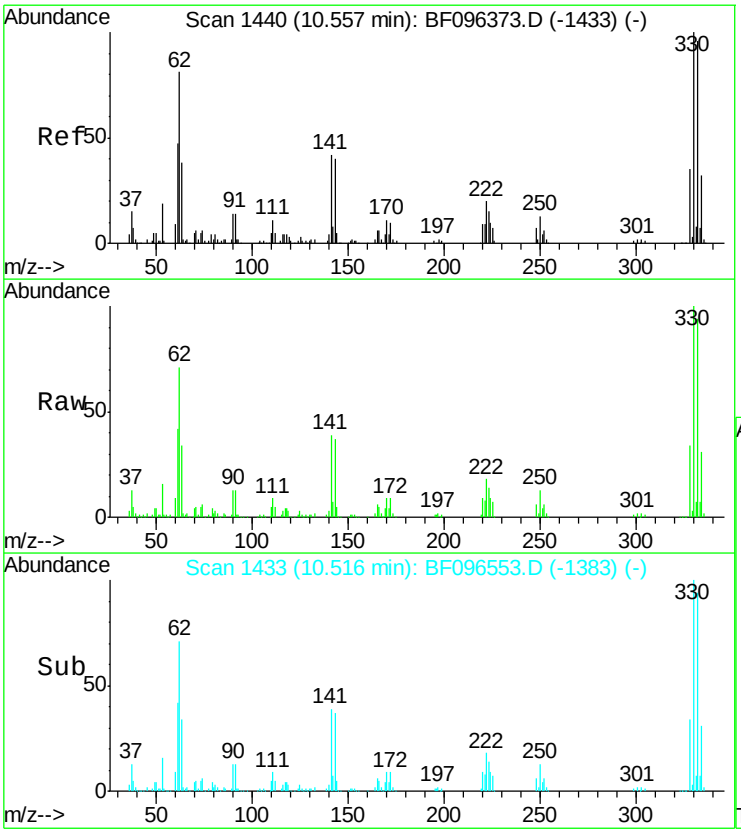
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:164 Resp: 225332

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.5	36.2	54.2

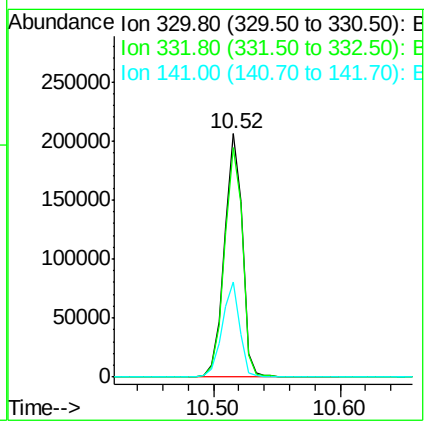


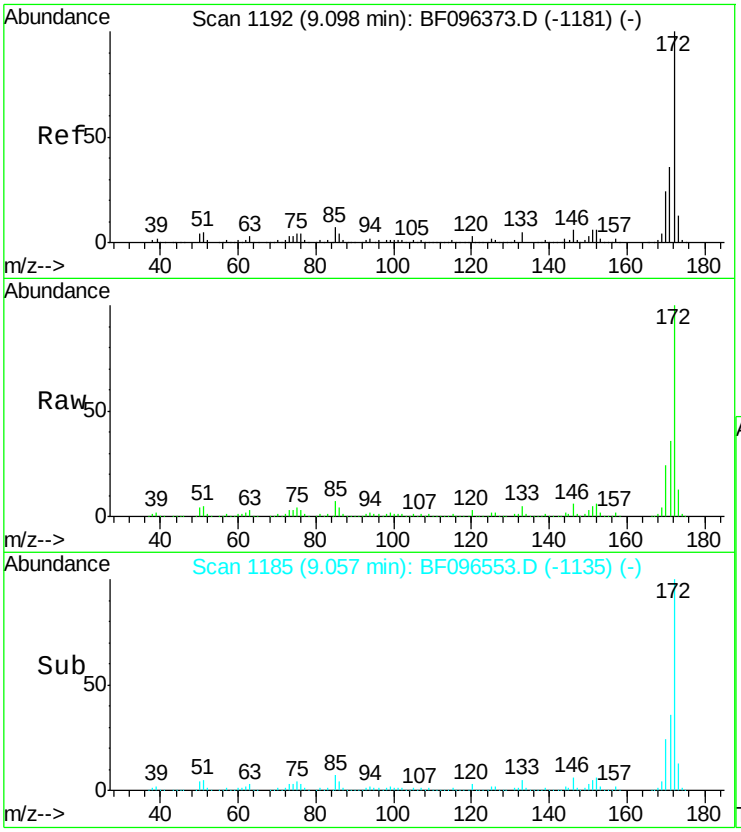


#41
2,4,6-Tribromophenol
Concen: 114.245 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:330 Resp: 201085

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.8	31.4	47.2



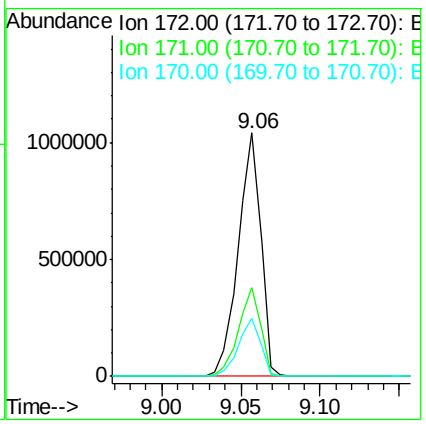


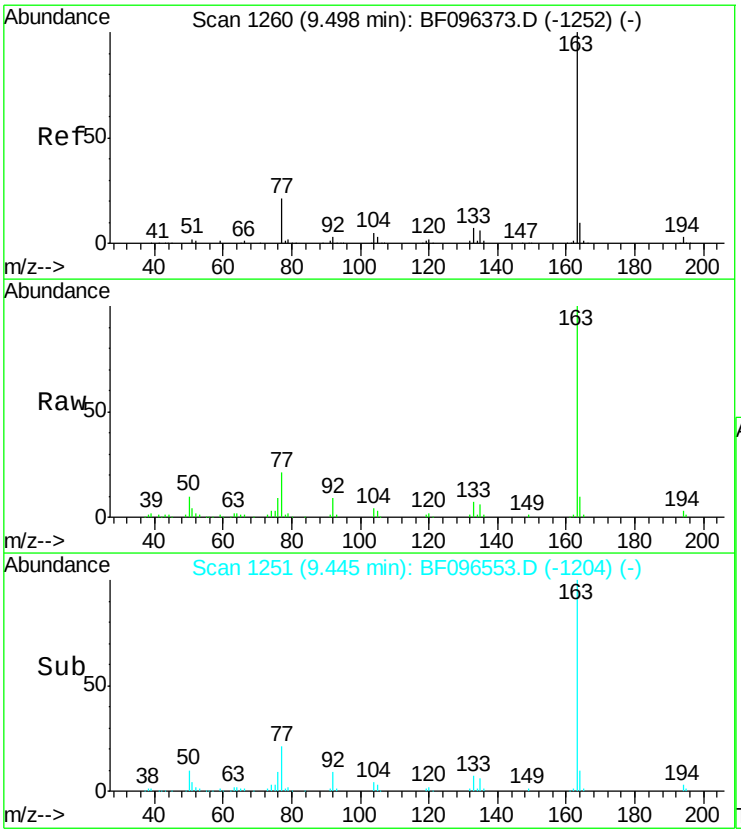
#44
2-Fluorobiphenyl
Concen: 77.740 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:172 Resp: 1024547

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

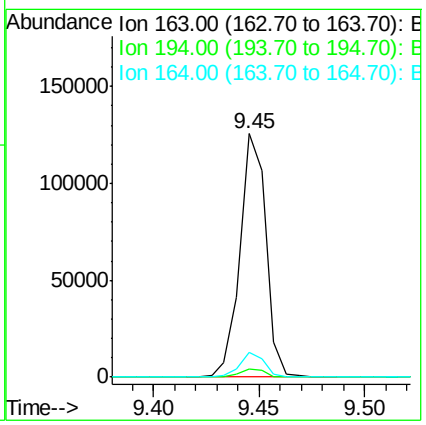


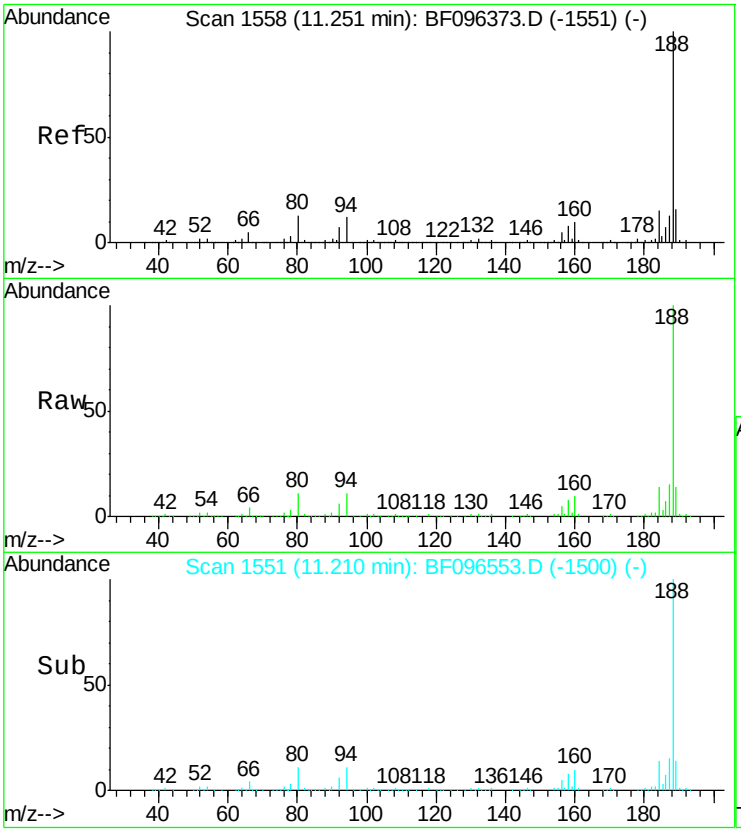


#49
Dimethylphthalate
Concen: 6.355 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:163 Resp: 106904

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.4	12.6



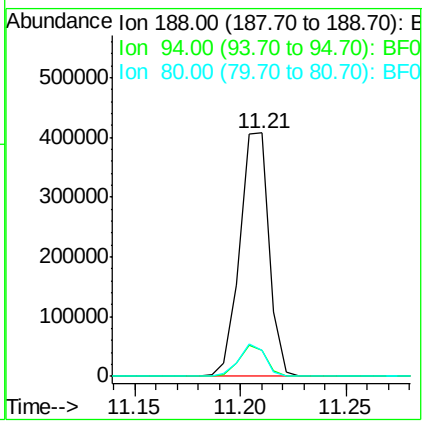


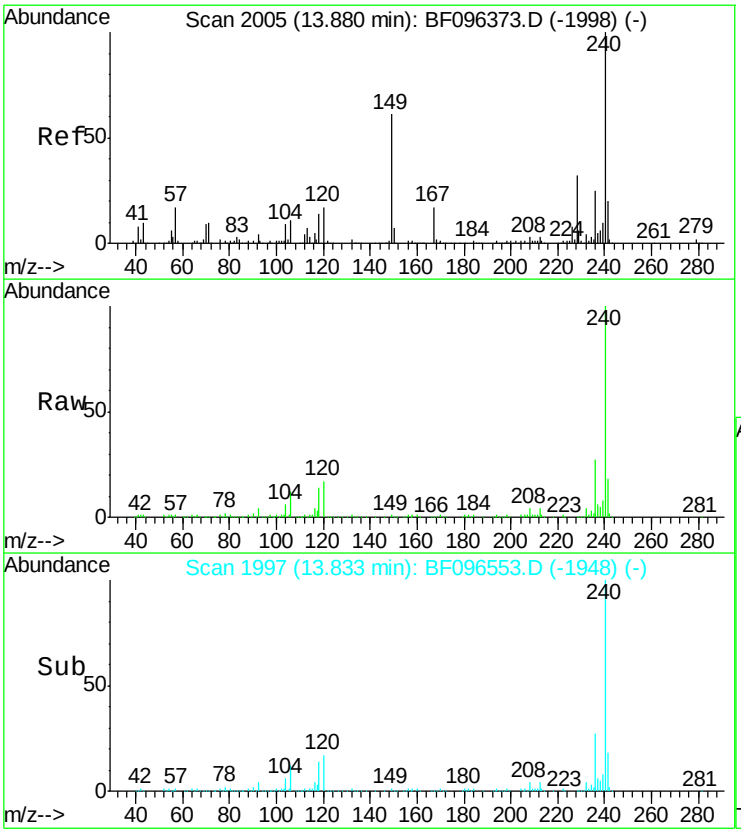
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:188 Resp: 390736

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.7	10.2	15.2

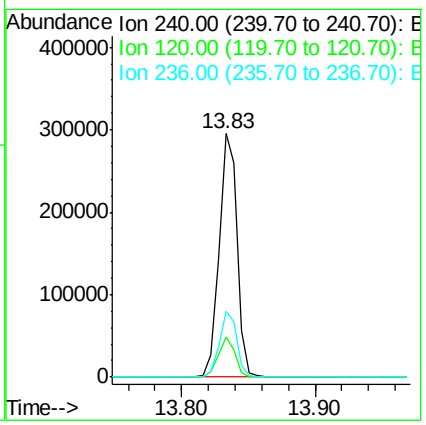


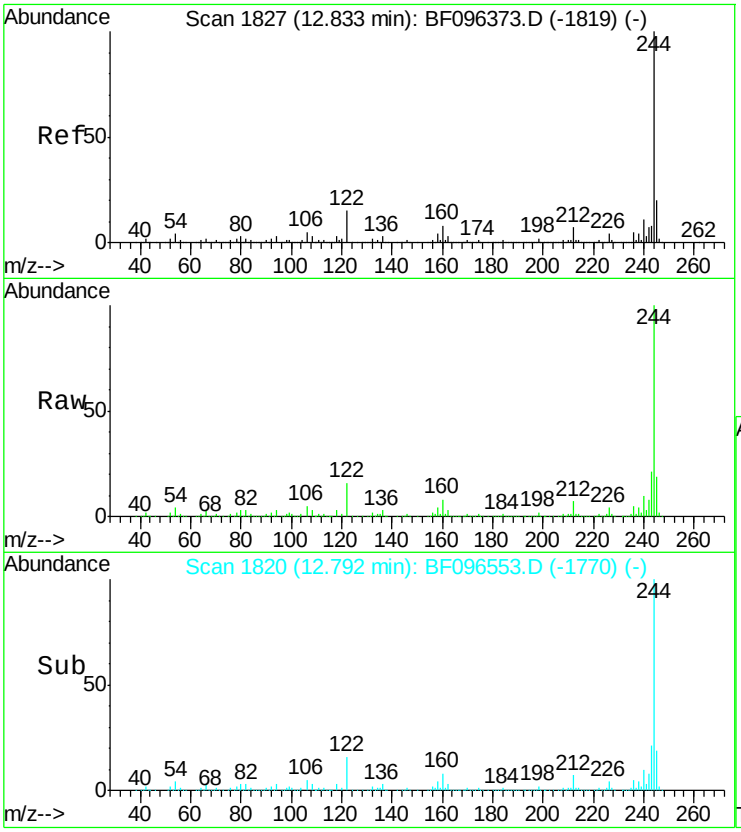


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:240 Resp: 281058

Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	27.0	20.5	30.7



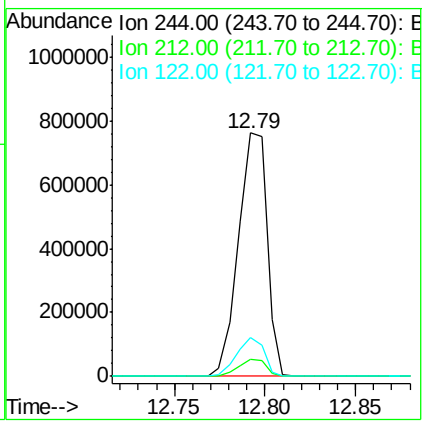


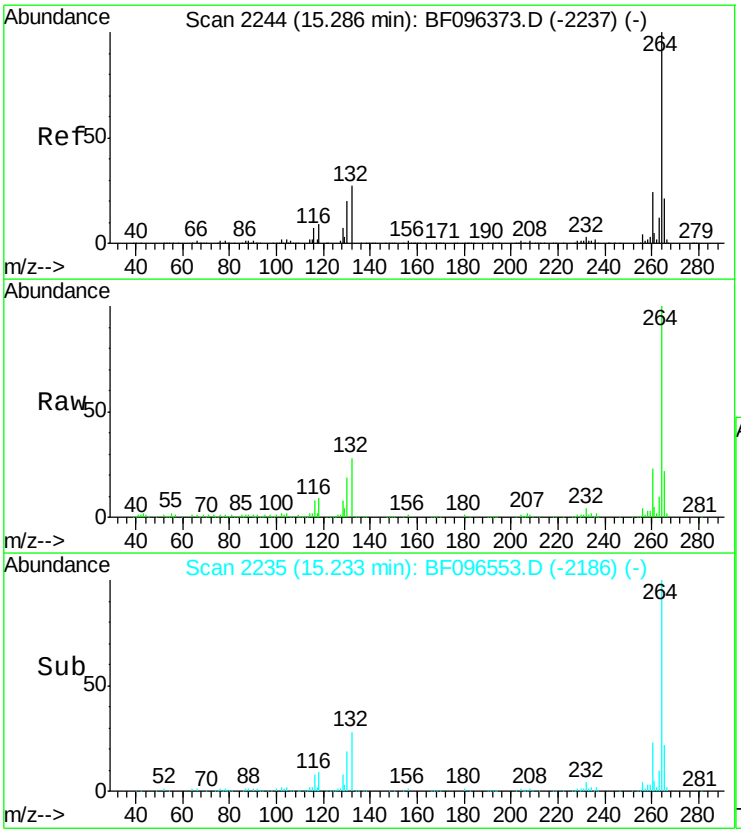
#78
Terphenyl-d14
Concen: 64.123 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:244 Resp: 843410

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.9	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: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:264 Resp: 201963

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	17.2	25.8