Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096565.D
Acq On : 7 Jul 2017 18:05
Operator : SJ/MA
Sample : I4064-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PET-BF008-01

Quant Time: Jul 07 23:30:49 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	96676	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	416961	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	182691	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	316383	20.00	ng	0.00
75) Chrysene-d12	13.83	240	231253	20.00	ng	-0.01
86) Perylene-d12	15.23	264	181975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	642920	98.16	ng	0.00
7) Phenol-d6	6.34	99	770024	95.63	ng	0.00
23) Nitrobenzene-d5	7.26	82	449735	64.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	158634	111.16	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	822996	77.02	ng	0.00
78) Terphenyl-d14	12.79	244	665652	61.51	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	23575	2.570	ng	94
49) Dimethylphthalate	9.45	163	67493	4.949	ng	98

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

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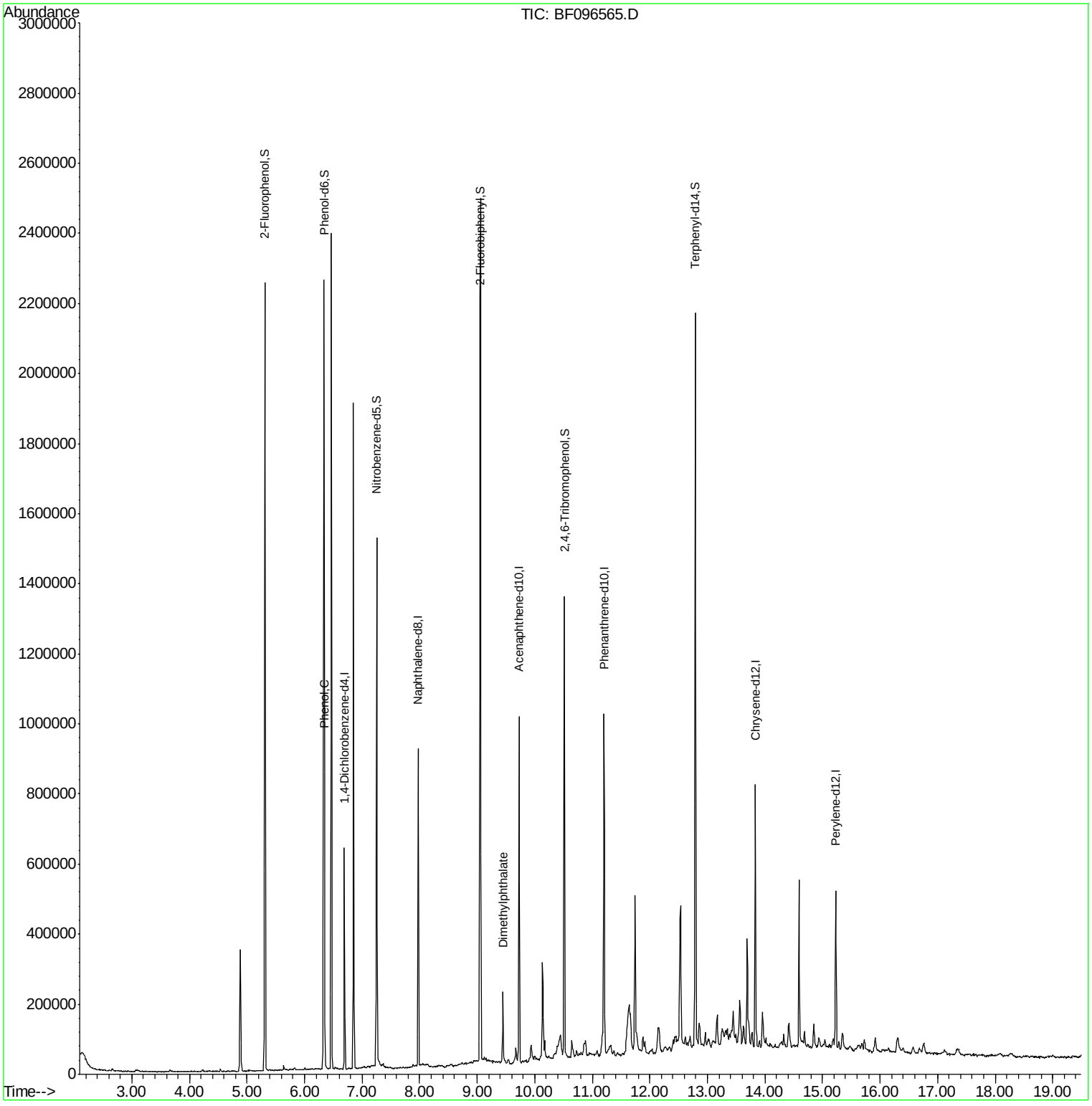
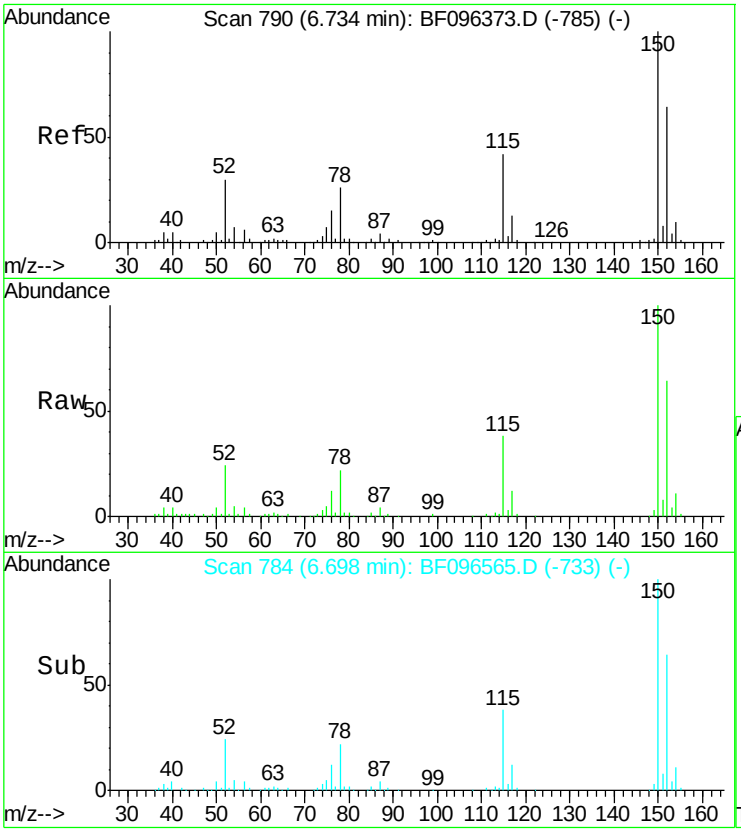


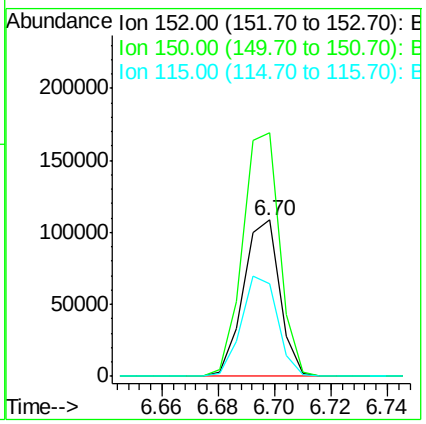


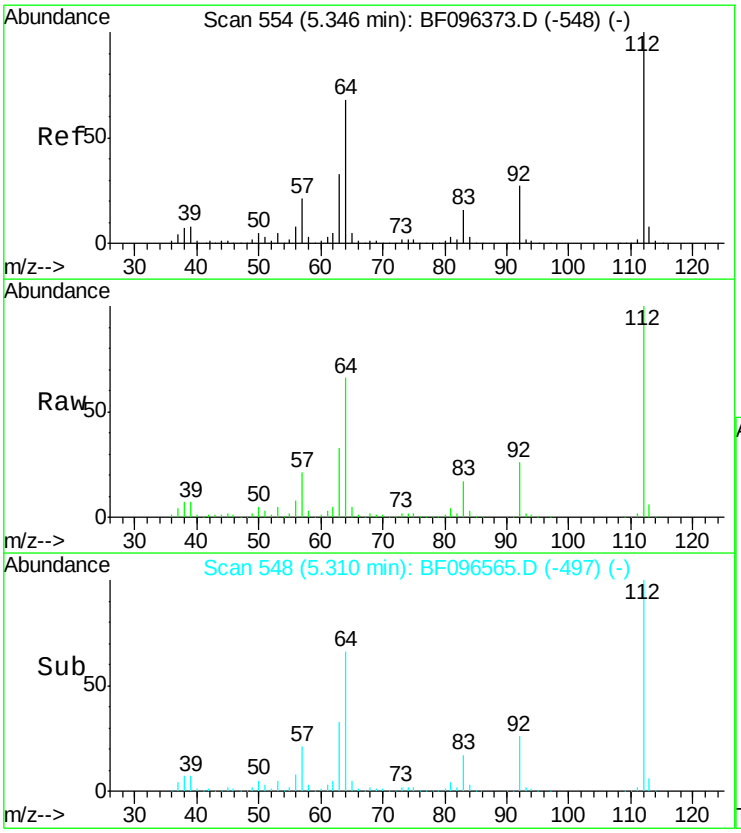
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PET-BF008-01

Tgt Ion:152 Resp: 96676

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	59.3	52.2	78.2

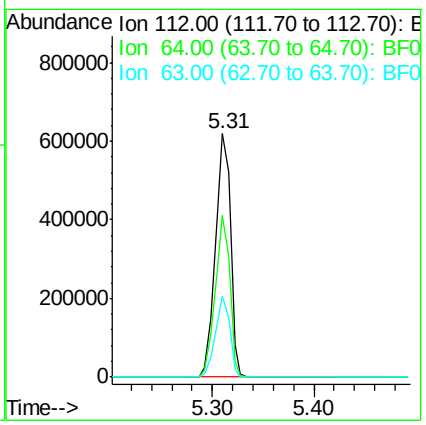


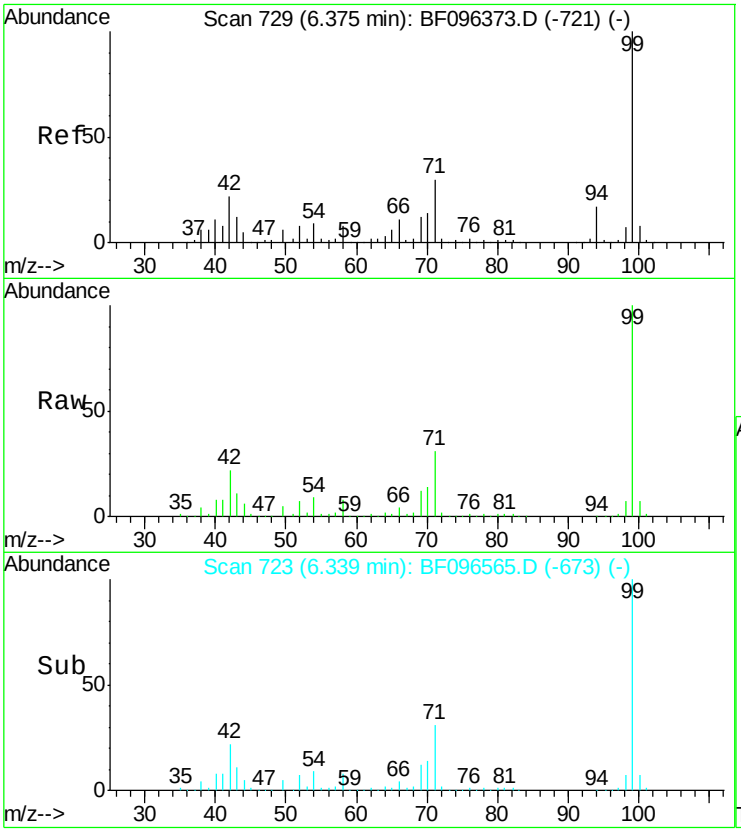


#5
2-Fluorophenol
Concen: 98.156 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:112 Resp: 642920

Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.3	23.4	35.0



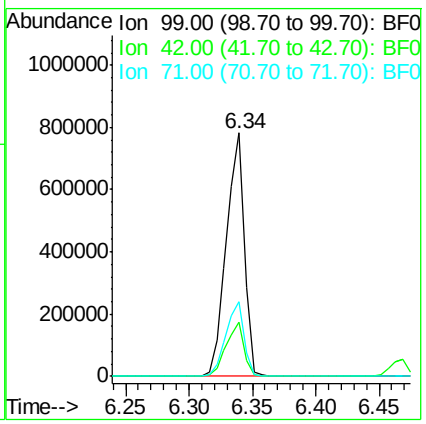


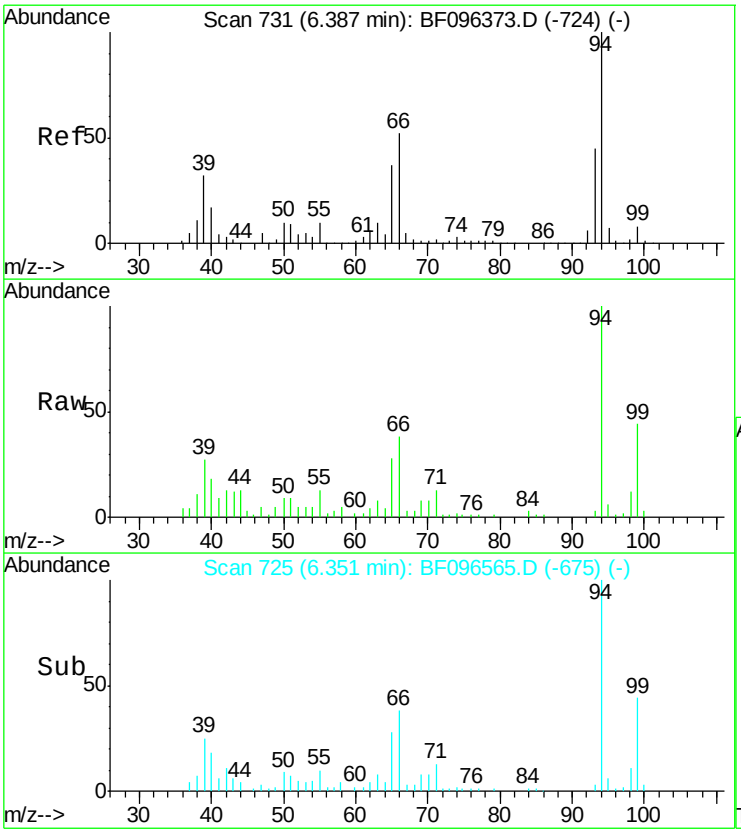
#7
Phenol-d6
Concen: 95.627 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PET-BF008-01

Tgt Ion: 99 Resp: 770024

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	30.9	24.5	36.7

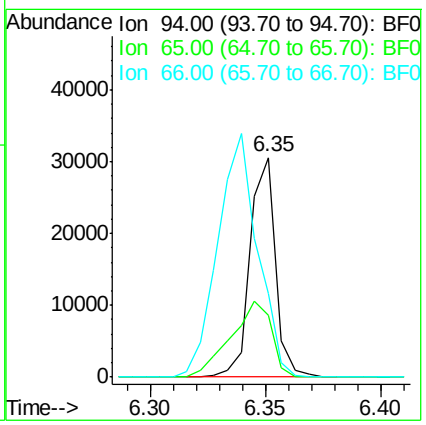


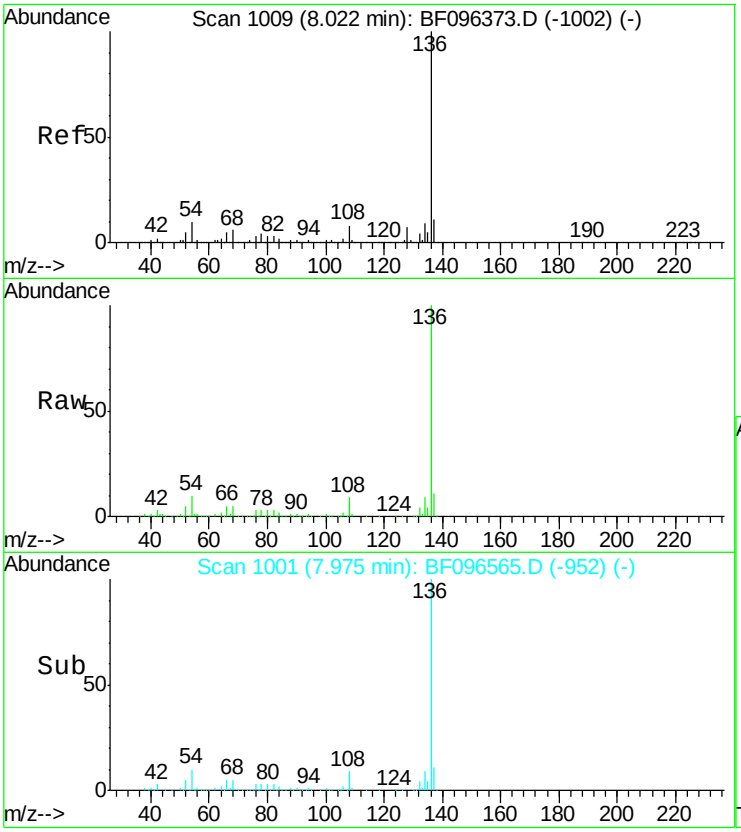


#10
Phenol
Concen: 2.570 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion: 94 Resp: 23575

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.9	49.9
66	37.9	23.1	63.1



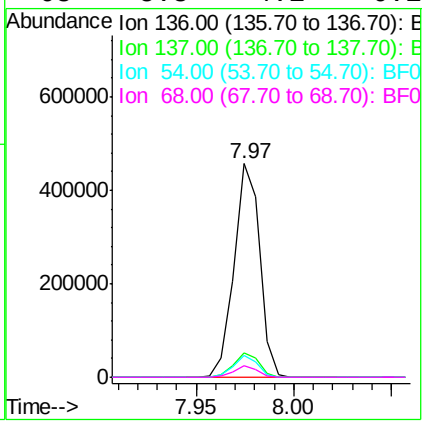


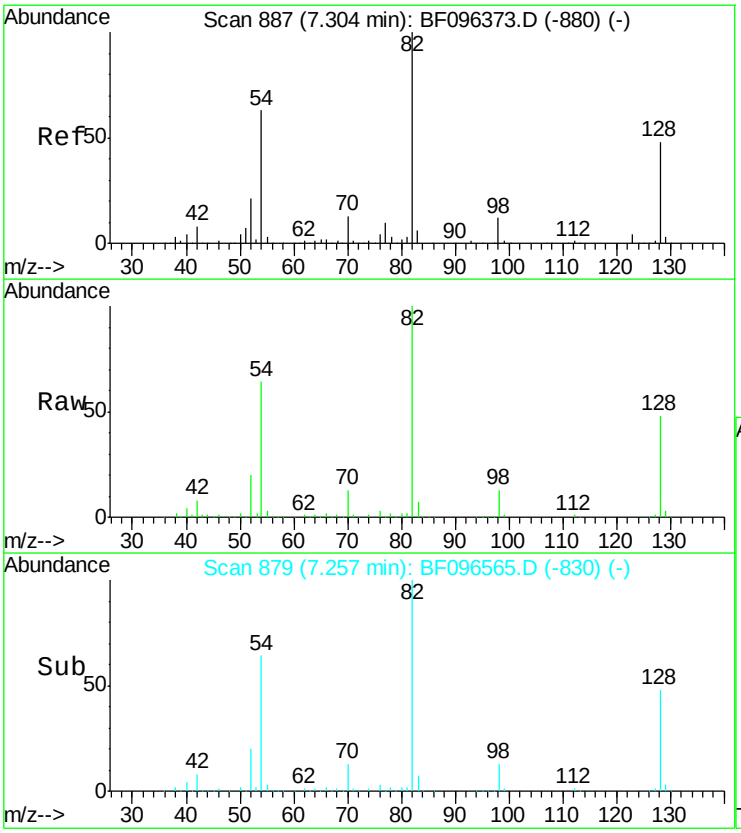
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PET-BF008-01

Tgt Ion:136 Resp: 416961

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.1	4.9	7.3#
68	5.3	4.1	6.1

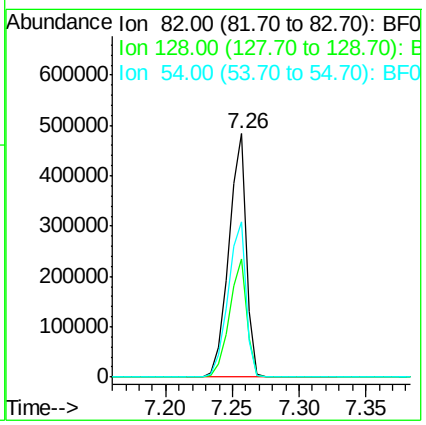


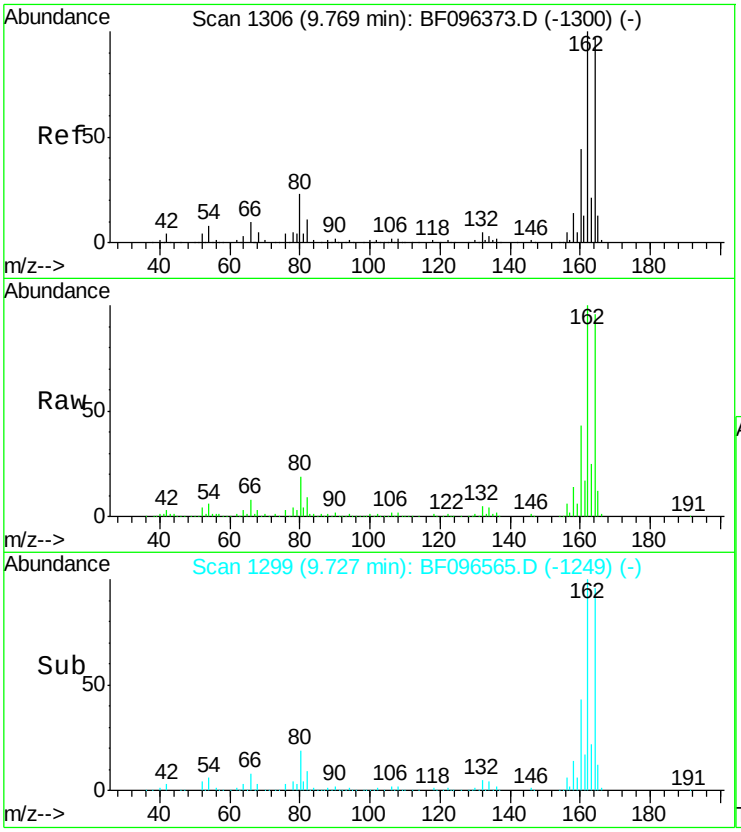


#23
Nitrobenzene-d5
Concen: 64.814 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion: 82 Resp: 449735

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	64.0	42.2	63.2#



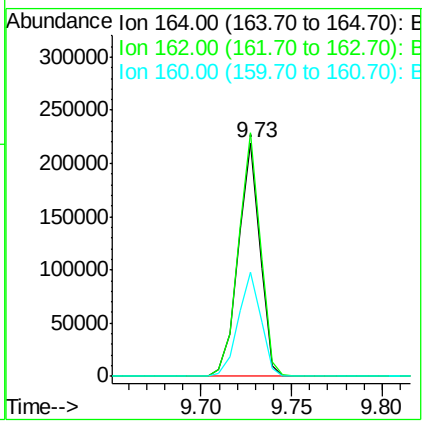


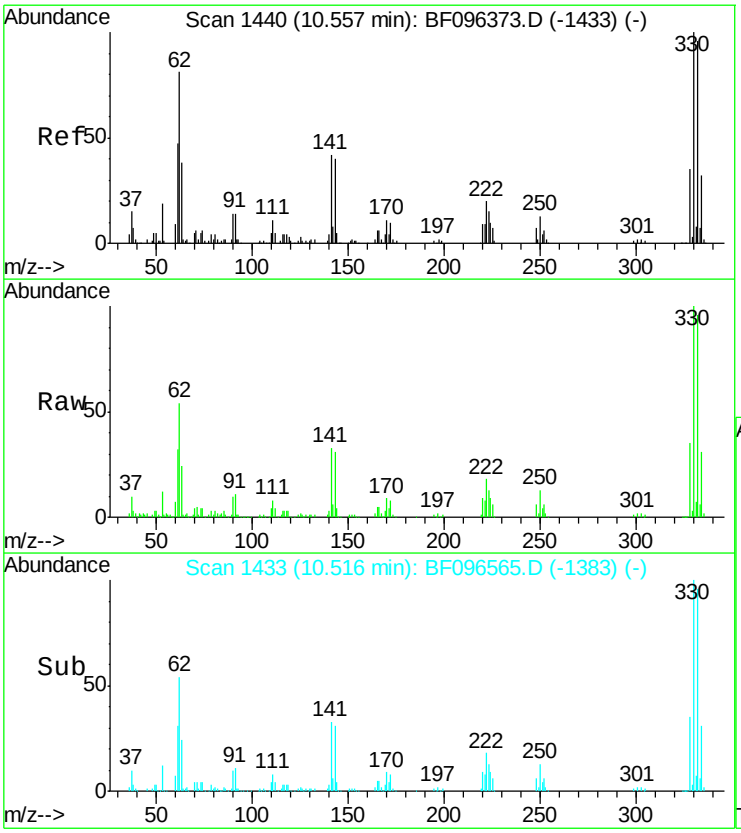
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PET-BF008-01

Tgt Ion:164 Resp: 182691

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.8	36.2	54.2

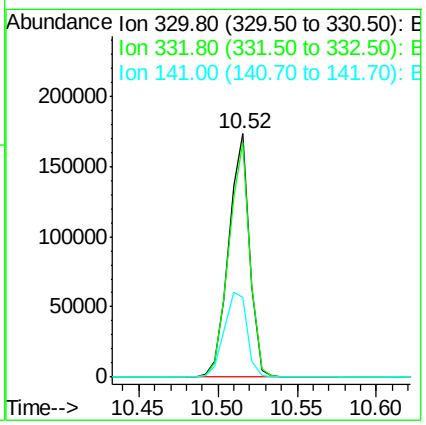


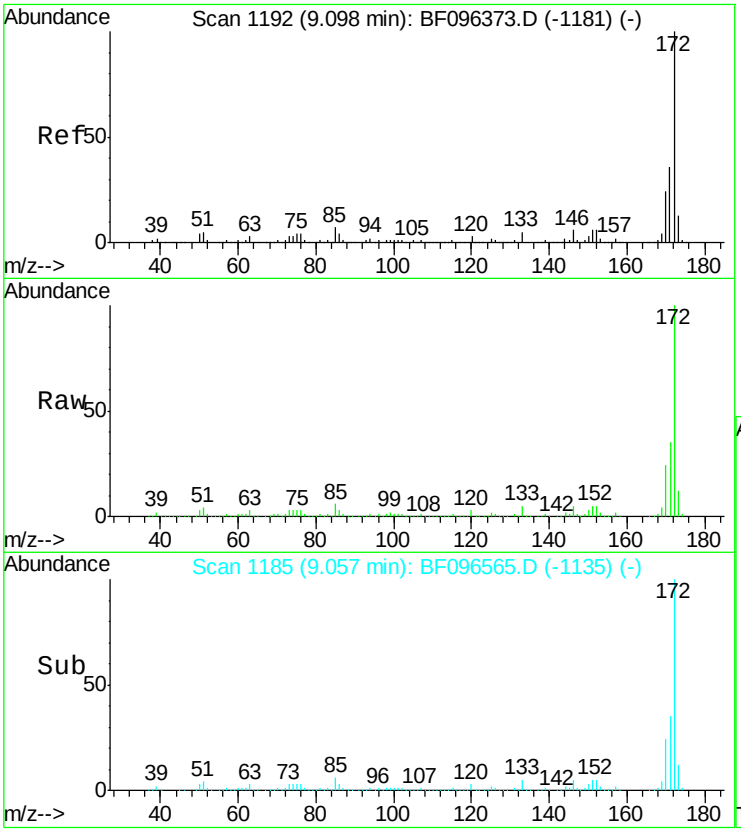


#41
2,4,6-Tribromophenol
Concen: 111.163 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:330 Resp: 158634

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	38.3	31.4	47.2



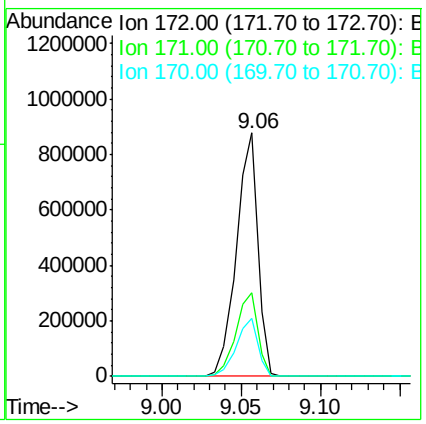


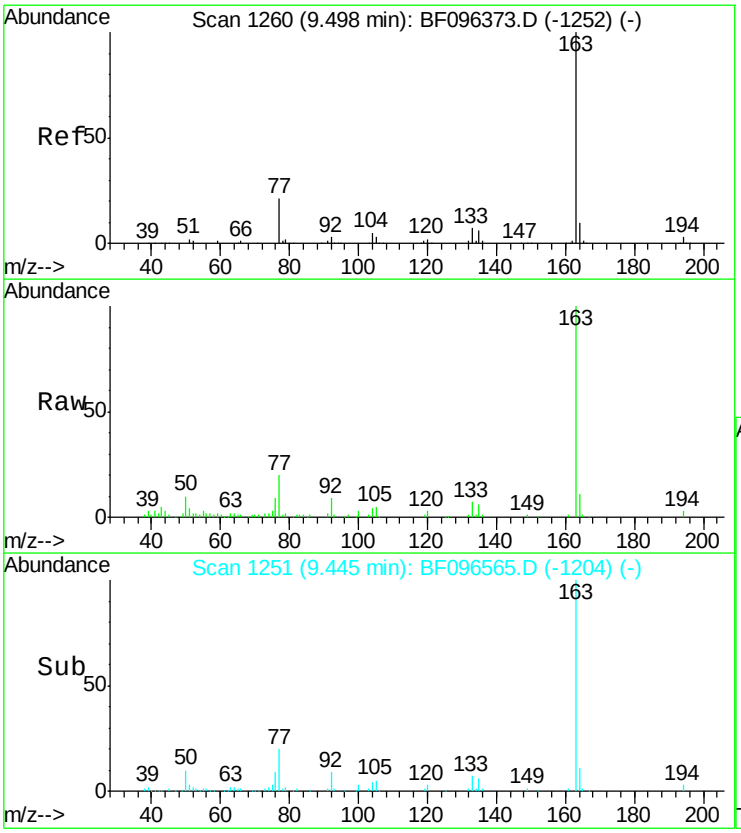
#44
2-Fluorobiphenyl
Concen: 77.023 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PET-BF008-01

Tgt Ion:172 Resp: 822996

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.9	19.8	29.8

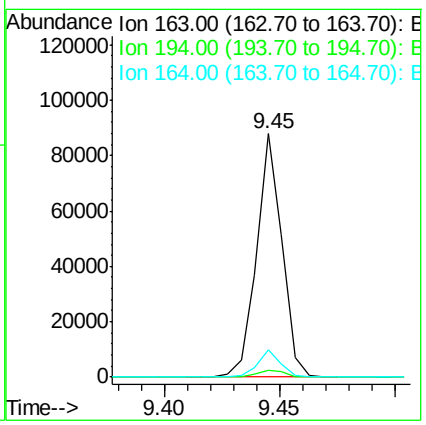


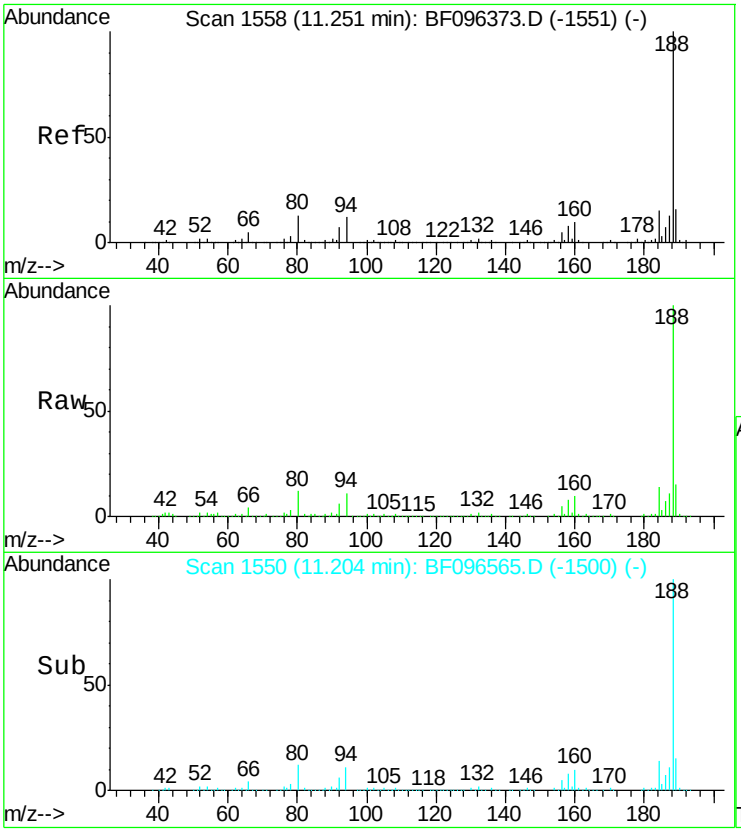


#49
Dimethylphthalate
Concen: 4.949 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:163 Resp: 67493

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	11.1	8.4	12.6



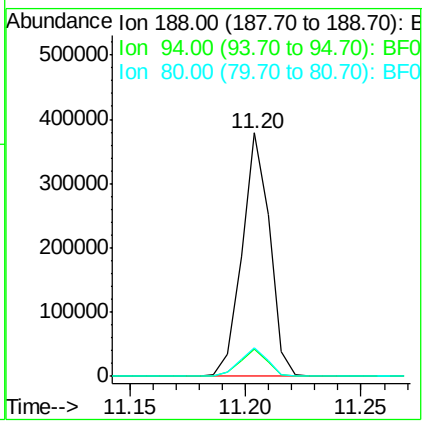


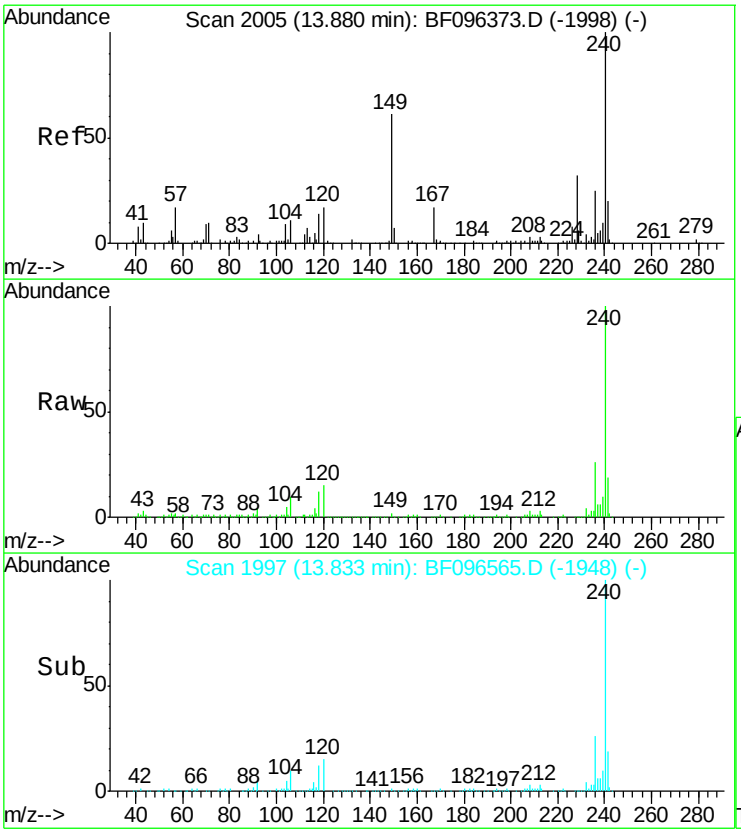
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PET-BF008-01

Tgt Ion:188 Resp: 316383

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.9	10.2	15.2

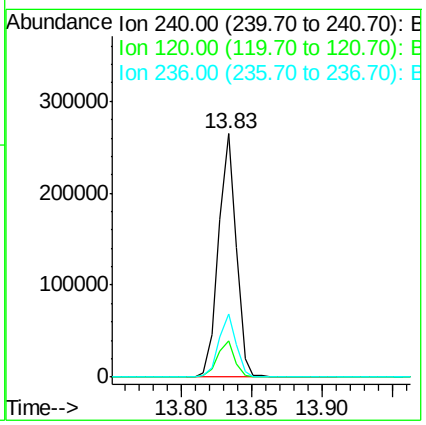


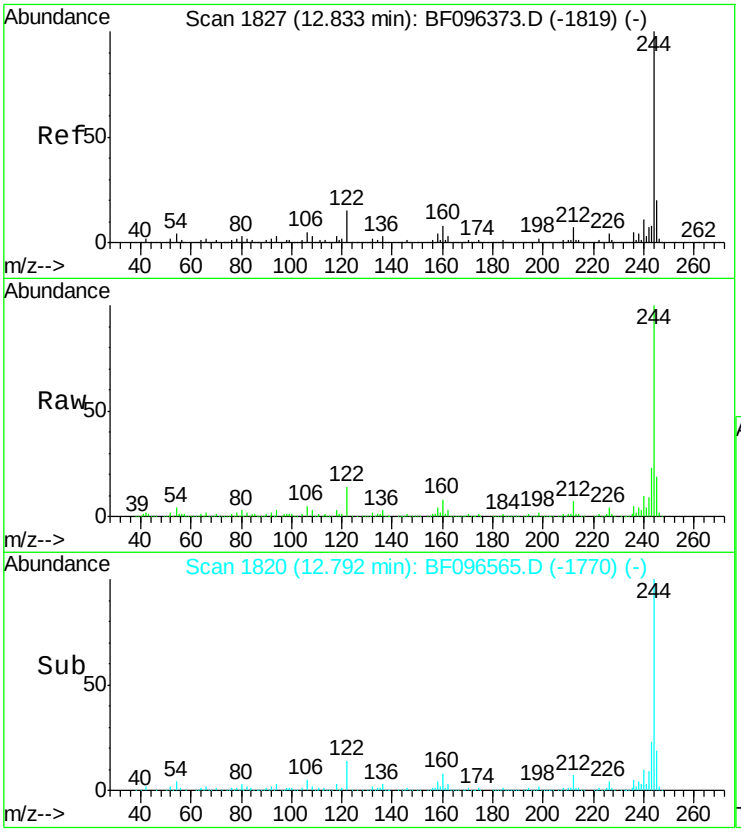


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:240 Resp: 231253

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.8	20.5	30.7



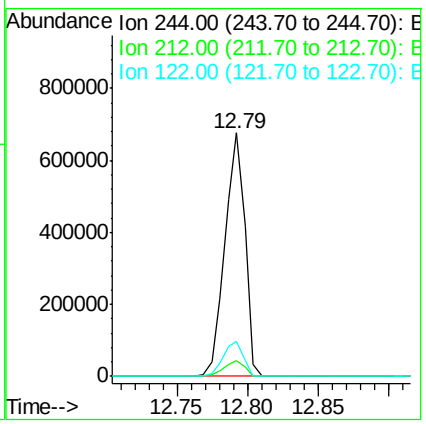


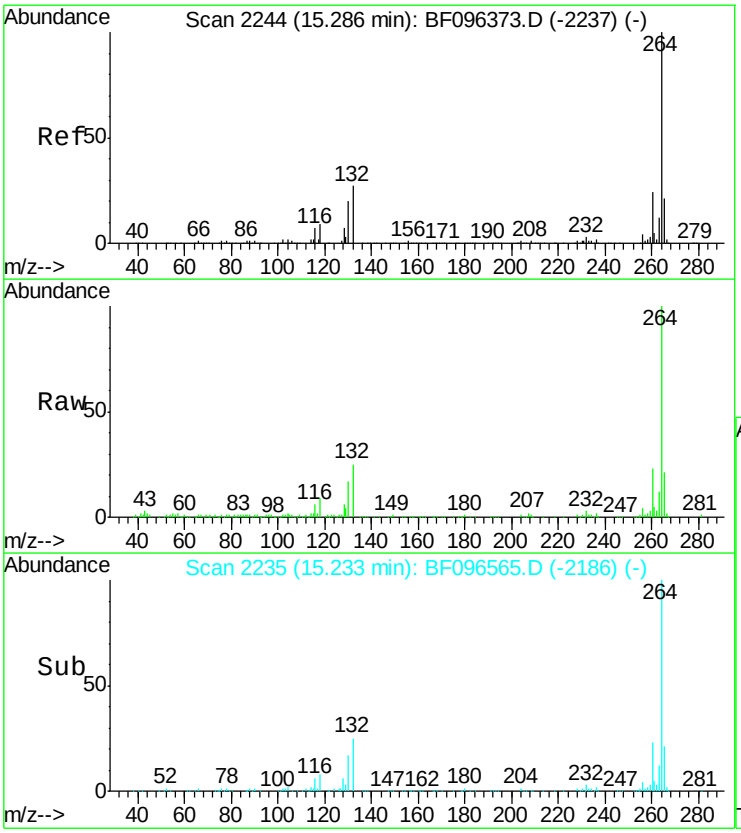
#78
Terphenyl-d14
Concen: 61.508 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096565.D
Acq: 7 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
PET-BF008-01

Tgt Ion:244 Resp: 665652

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.1	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: BF096565.D
Acq: 7 Jul 2017 18:05

Tgt Ion:264 Resp: 181975

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.2	17.2	25.8