Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096556.D
Acq On : 7 Jul 2017 13:53
Operator : SJ/MA
Sample : I4064-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PET-BF001-02

Quant Time: Jul 07 15:20:58 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	120841	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	508948	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	227612	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	398617	20.00	ng	0.00
75) Chrysene-d12	13.83	240	274312	20.00	ng	-0.01
86) Perylene-d12	15.23	264	191205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	827278	101.05	ng	0.00
7) Phenol-d6	6.34	99	1013664	100.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	600308	70.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	197621	111.15	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	976759	73.37	ng	0.00
78) Terphenyl-d14	12.79	244	801175	62.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	31122	2.714	ng	80
49) Dimethylphthalate	9.45	163	93246	5.488	ng	100

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

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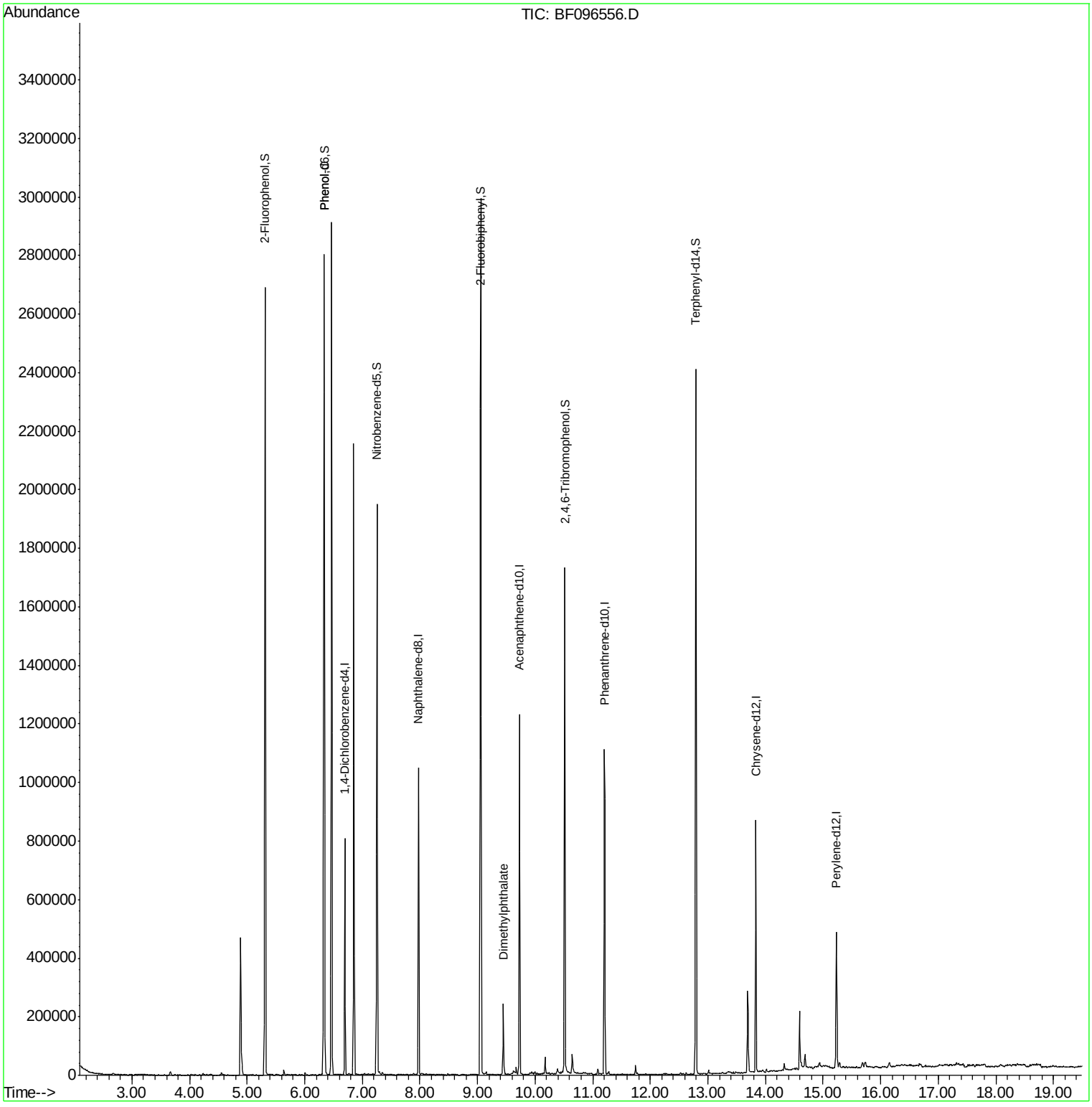
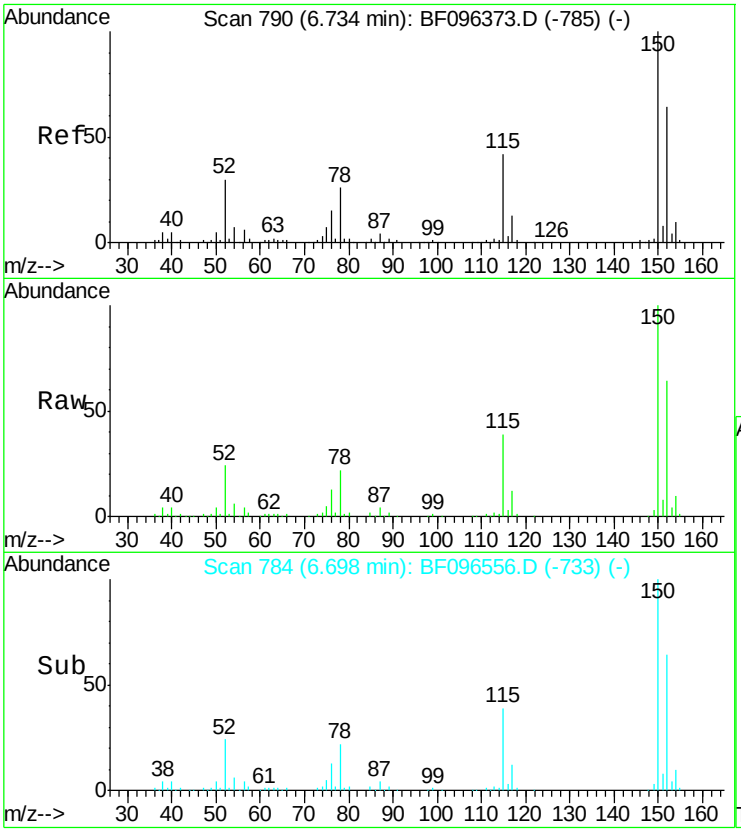


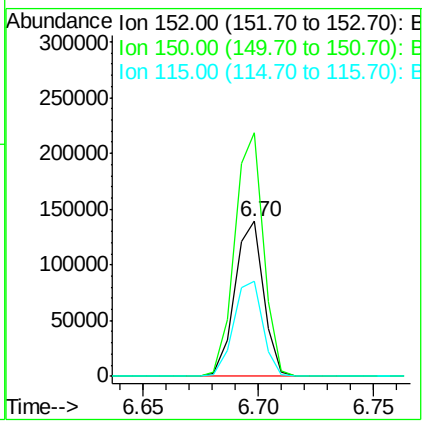


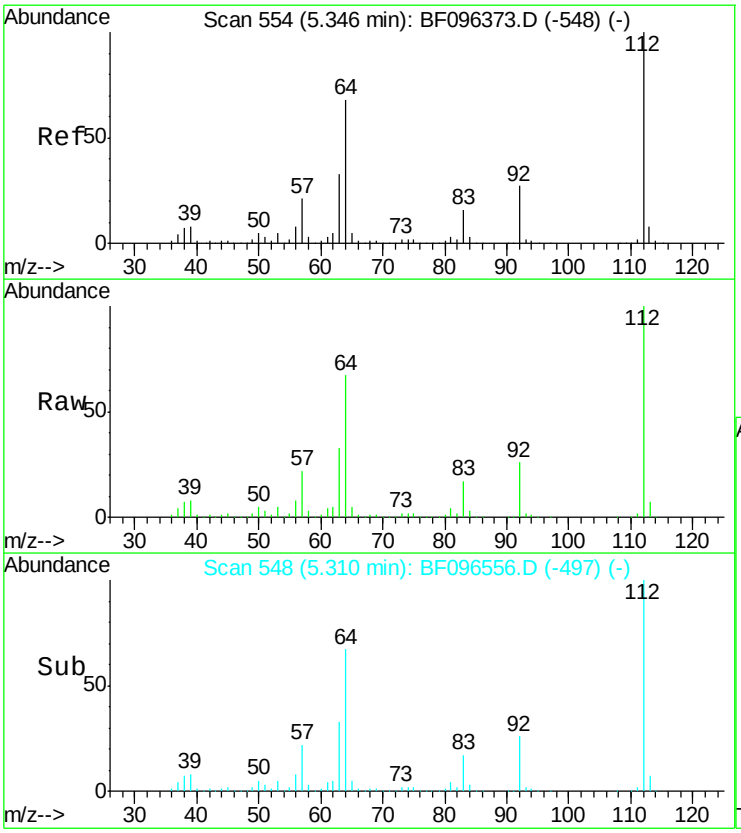
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
PET-BF001-02

Tgt Ion:152 Resp: 120841

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	61.0	52.2	78.2

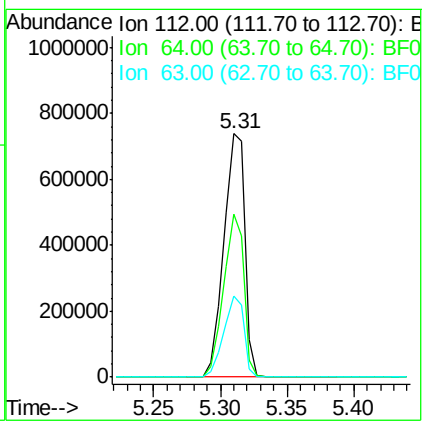


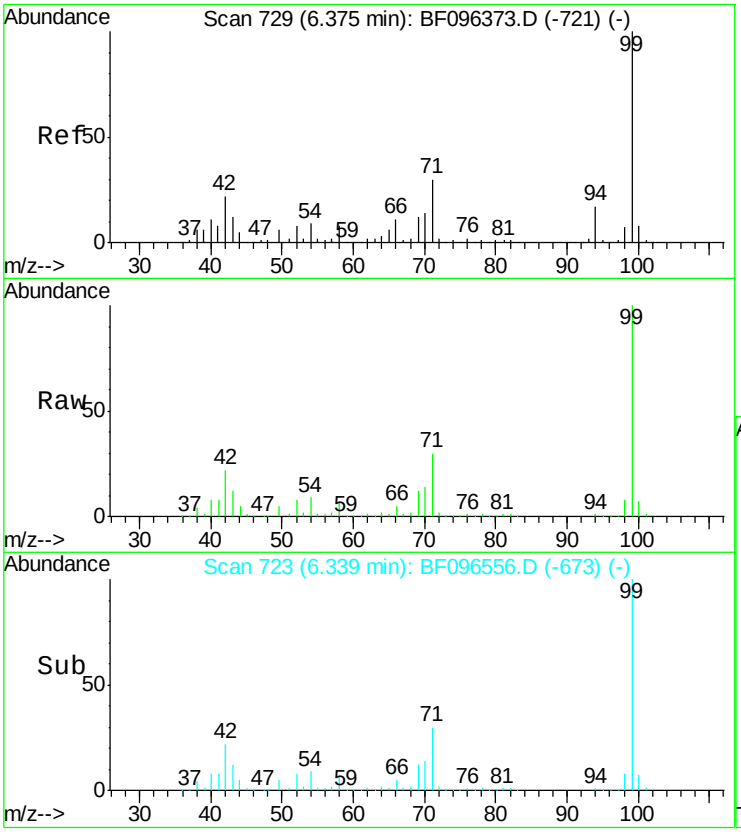


#5
2-Fluorophenol
Concen: 101.045 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:112 Resp: 827278

Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	33.4	23.4	35.0



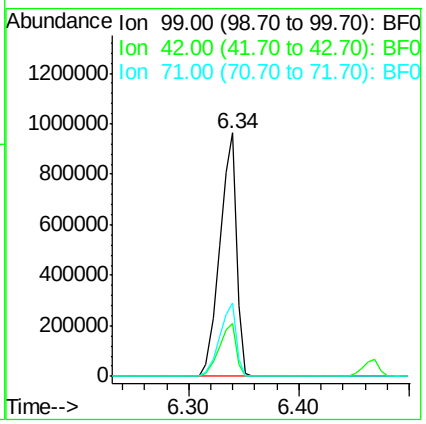


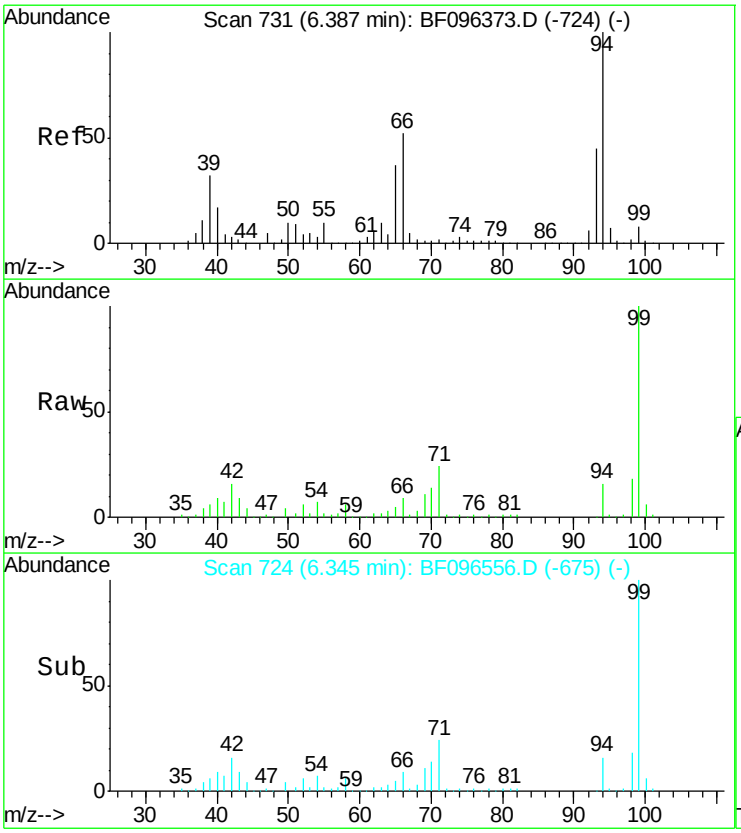
#7
Phenol-d6
Concen: 100.711 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
PET-BF001-02

Tgt Ion: 99 Resp: 1013664

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	30.3	24.5	36.7

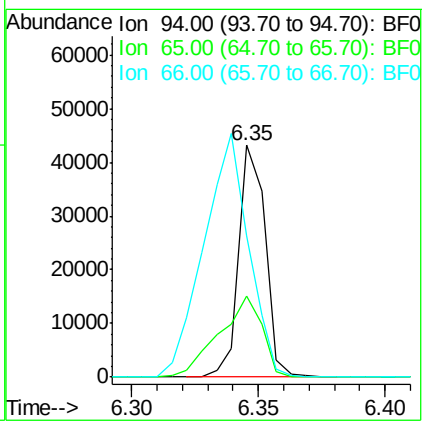


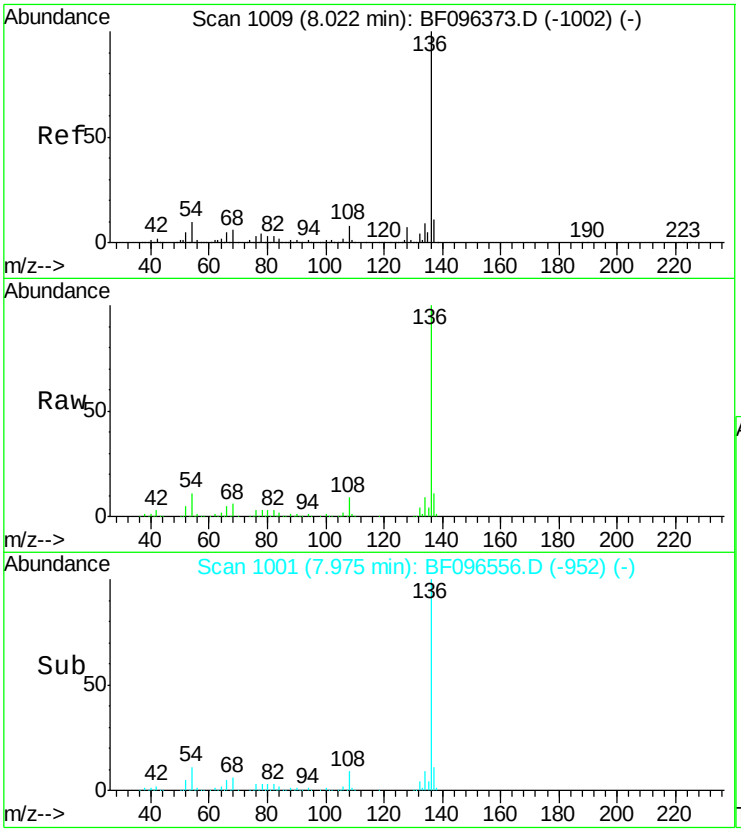


#10
Phenol
Concen: 2.714 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion: 94 Resp: 31122

Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.9	49.9
66	60.6	23.1	63.1



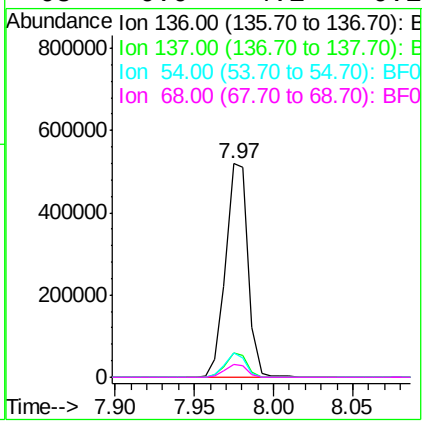


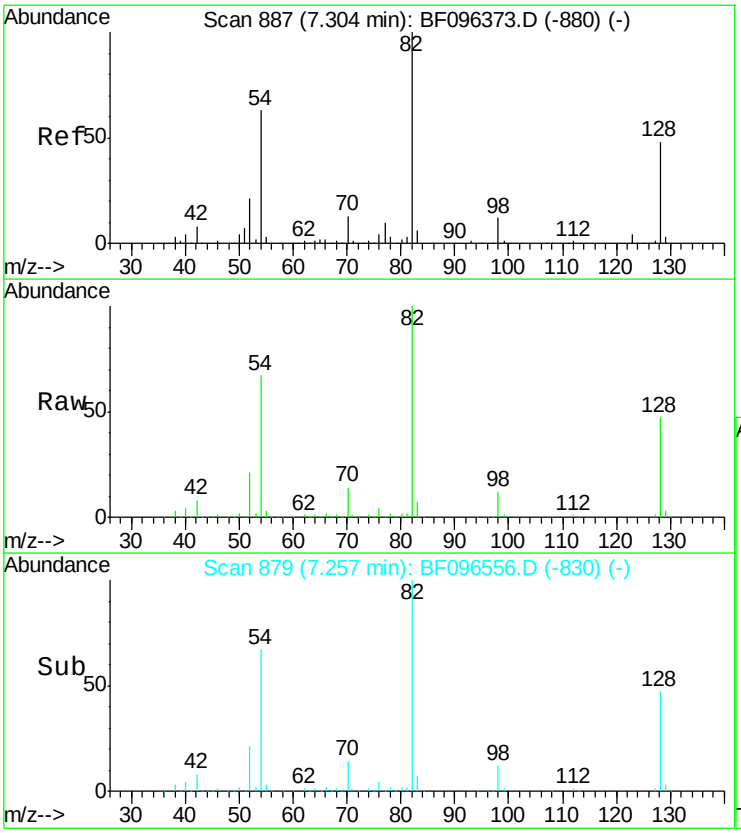
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
PET-BF001-02

Tgt Ion:136 Resp: 508948

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.2	4.9	7.3#
68	6.0	4.1	6.1

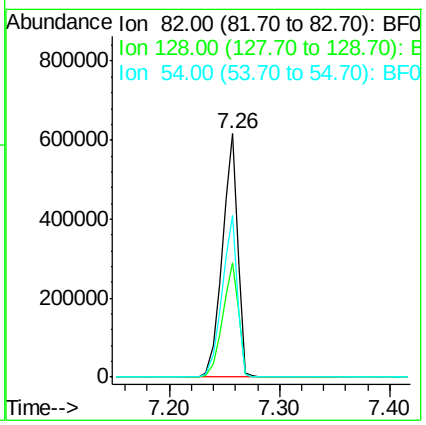


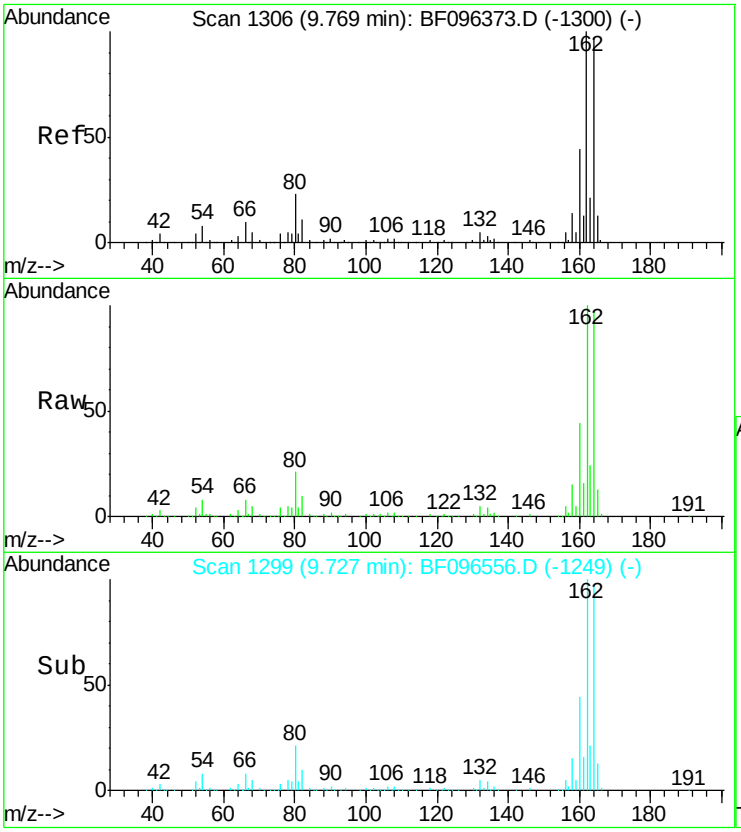


#23
Nitrobenzene-d5
Concen: 70.878 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion: 82 Resp: 600308

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	66.6	42.2	63.2#



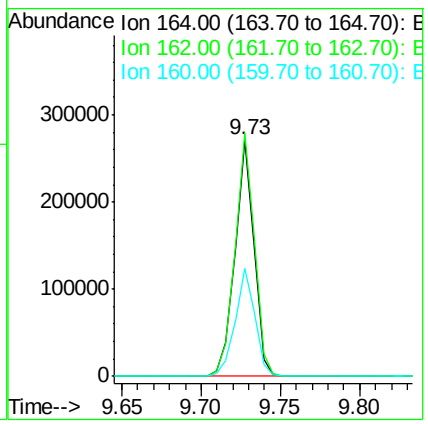


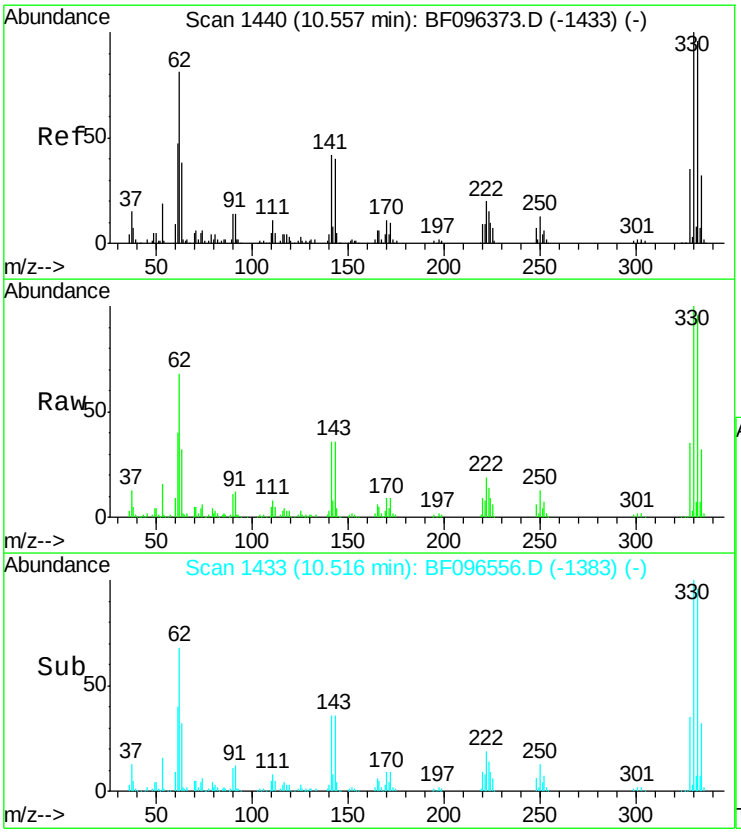
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
PET-BF001-02

Tgt Ion:164 Resp: 227612

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.7	36.2	54.2

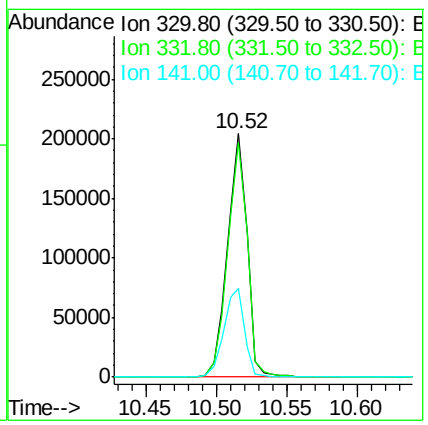


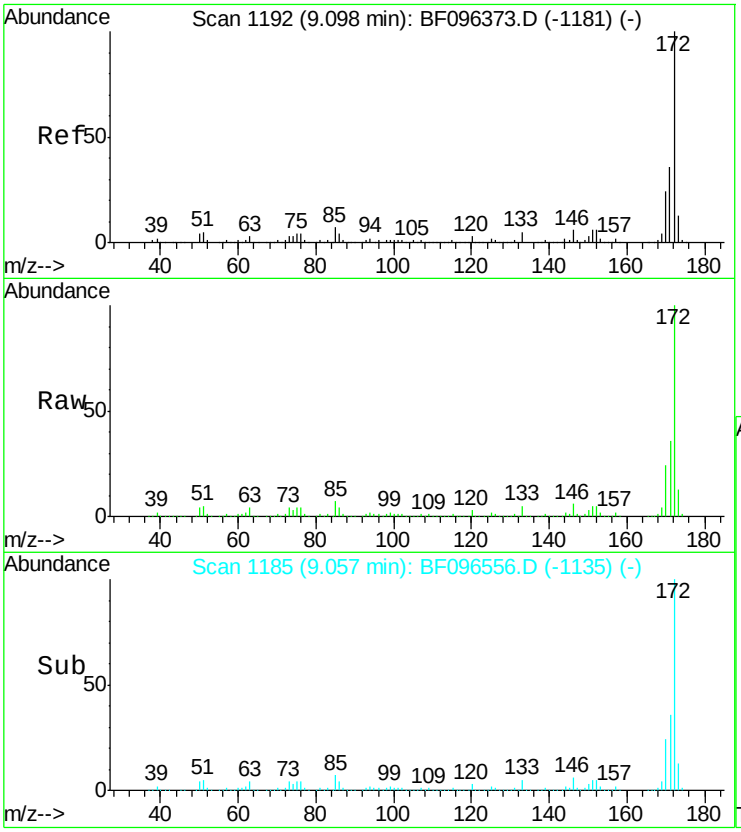


#41
2,4,6-Tribromophenol
Concen: 111.152 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:330 Resp: 197621

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.3	31.4	47.2



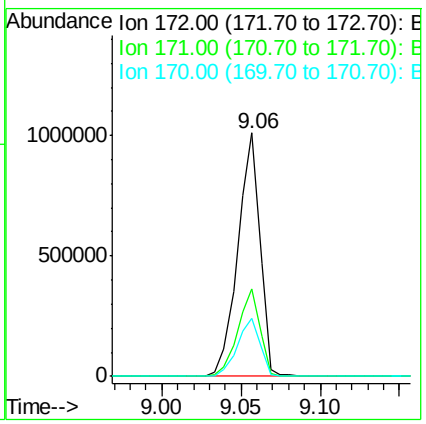


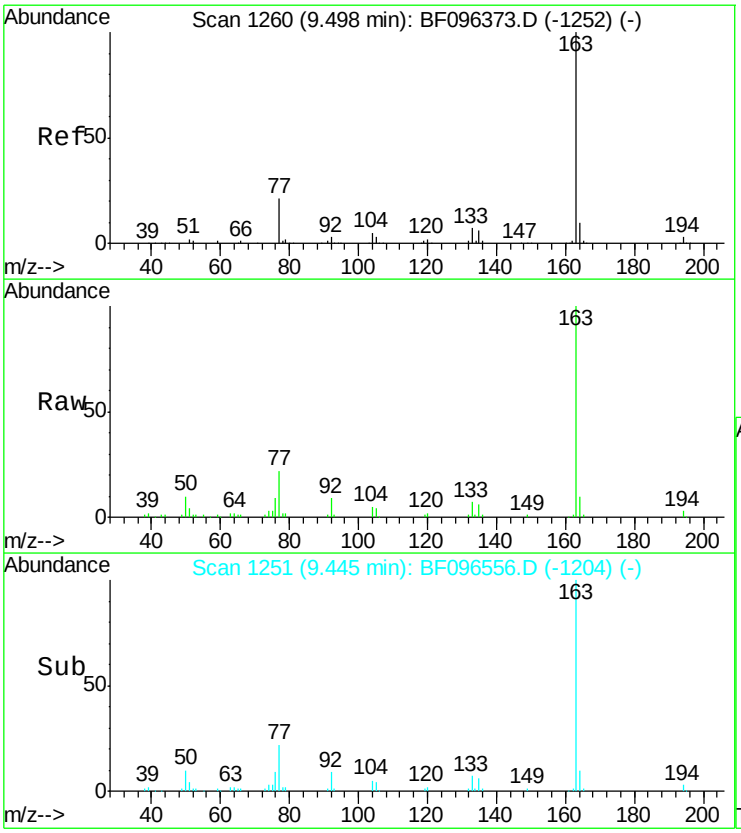
#44
2-Fluorobiphenyl
Concen: 73.372 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
PET-BF001-02

Tgt Ion:172 Resp: 976759

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

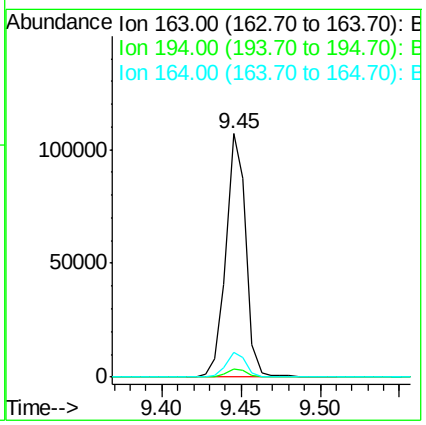


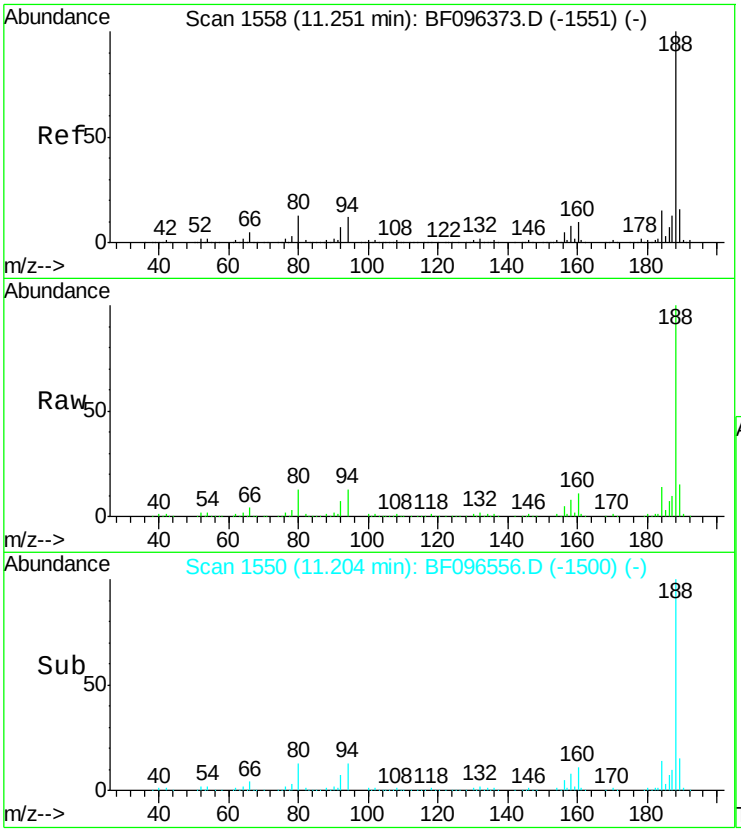


#49
Dimethylphthalate
Concen: 5.488 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:163 Resp: 93246

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.4	12.6



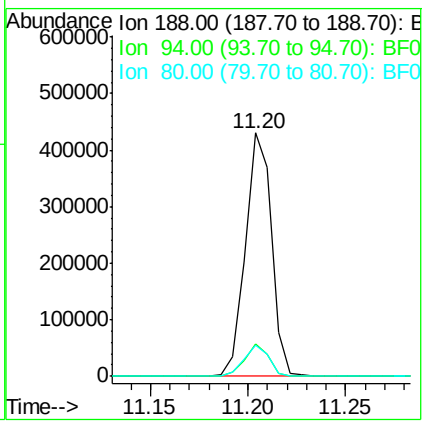


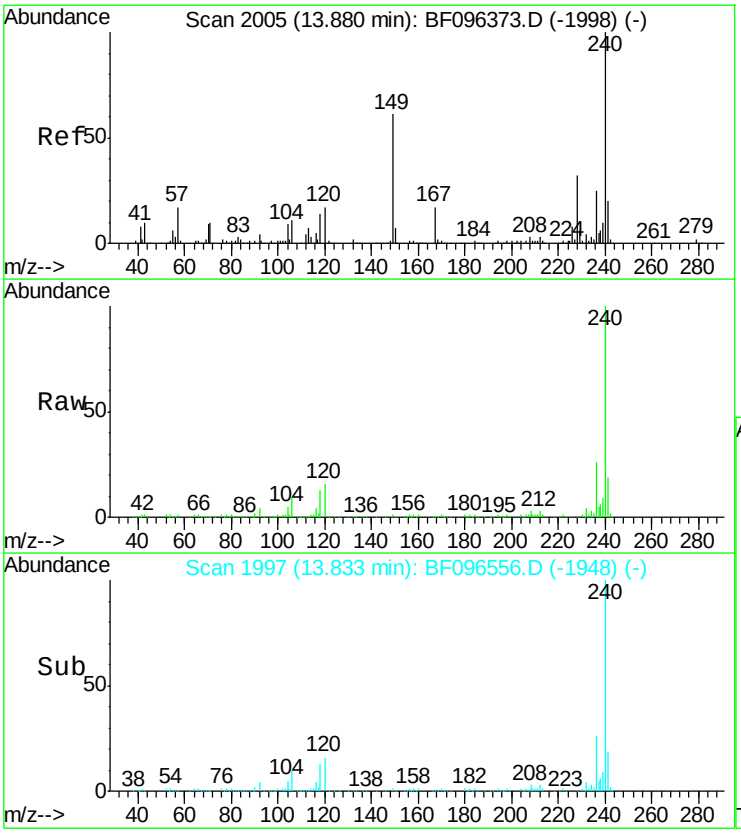
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
PET-BF001-02

Tgt Ion:188 Resp: 398617

Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	12.8	10.2	15.2

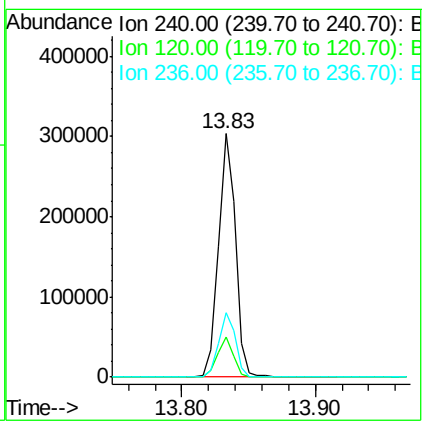


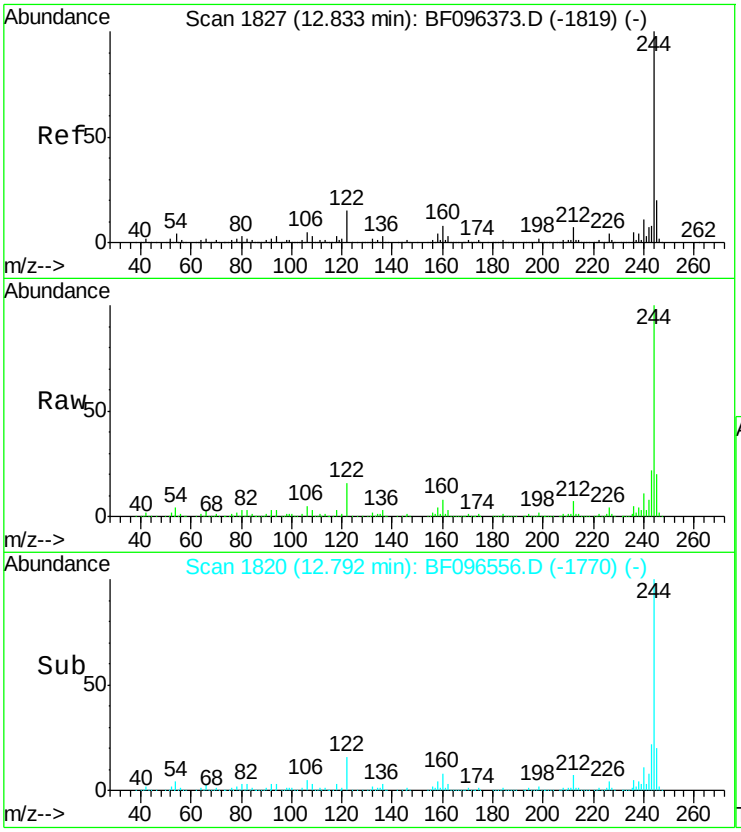


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:240 Resp: 274312

Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.8	8.8#
236	26.2	20.5	30.7



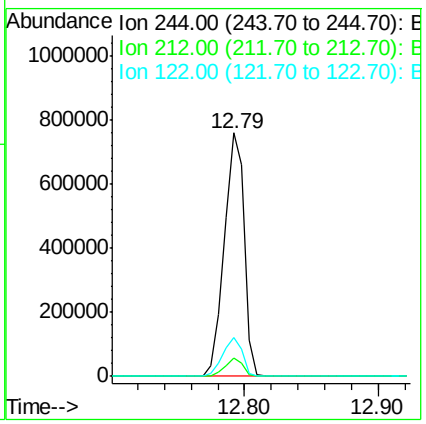


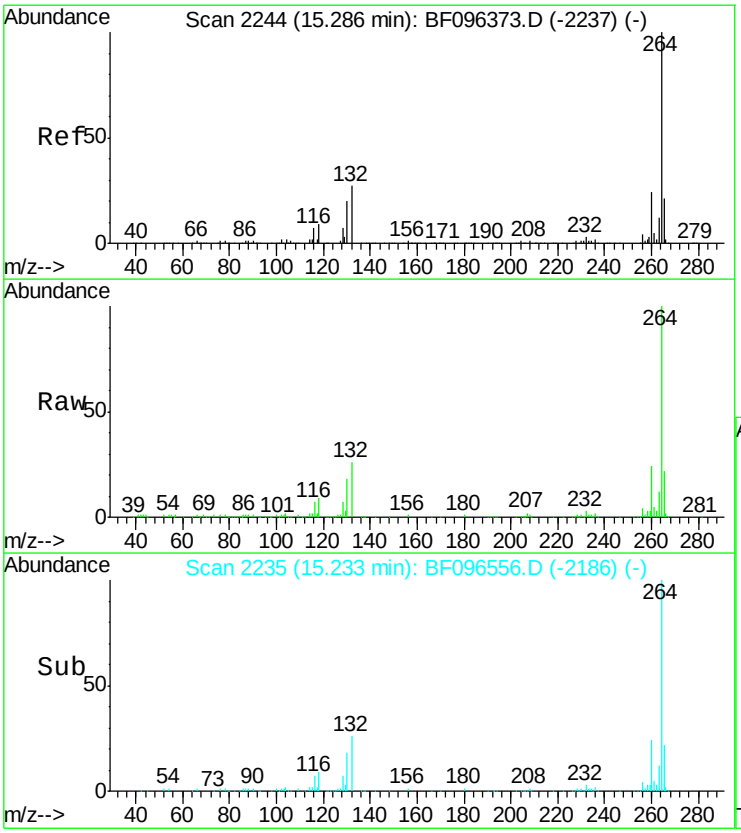
#78
Terphenyl-d14
Concen: 62.410 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :
PET-BF001-02

Tgt Ion:244 Resp: 801175

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	15.8	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: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:264 Resp: 191205

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.2	25.8