Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096566.D
Acq On : 7 Jul 2017 18:32
Operator : SJ/MA
Sample : I4064-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PET-BF009-01

Quant Time: Jul 07 23:36:16 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	107631	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	440275	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	200242	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	345715	20.00	ng	0.00
75) Chrysene-d12	13.83	240	240711	20.00	ng	-0.01
86) Perylene-d12	15.23	264	201174	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	591444	81.11	ng	0.00
7) Phenol-d6	6.33	99	722422	80.58	ng	-0.01
23) Nitrobenzene-d5	7.25	82	428222	58.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	136413	87.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	739983	63.18	ng	-0.01
78) Terphenyl-d14	12.79	244	574200	50.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	149856	10.025	ng	99

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

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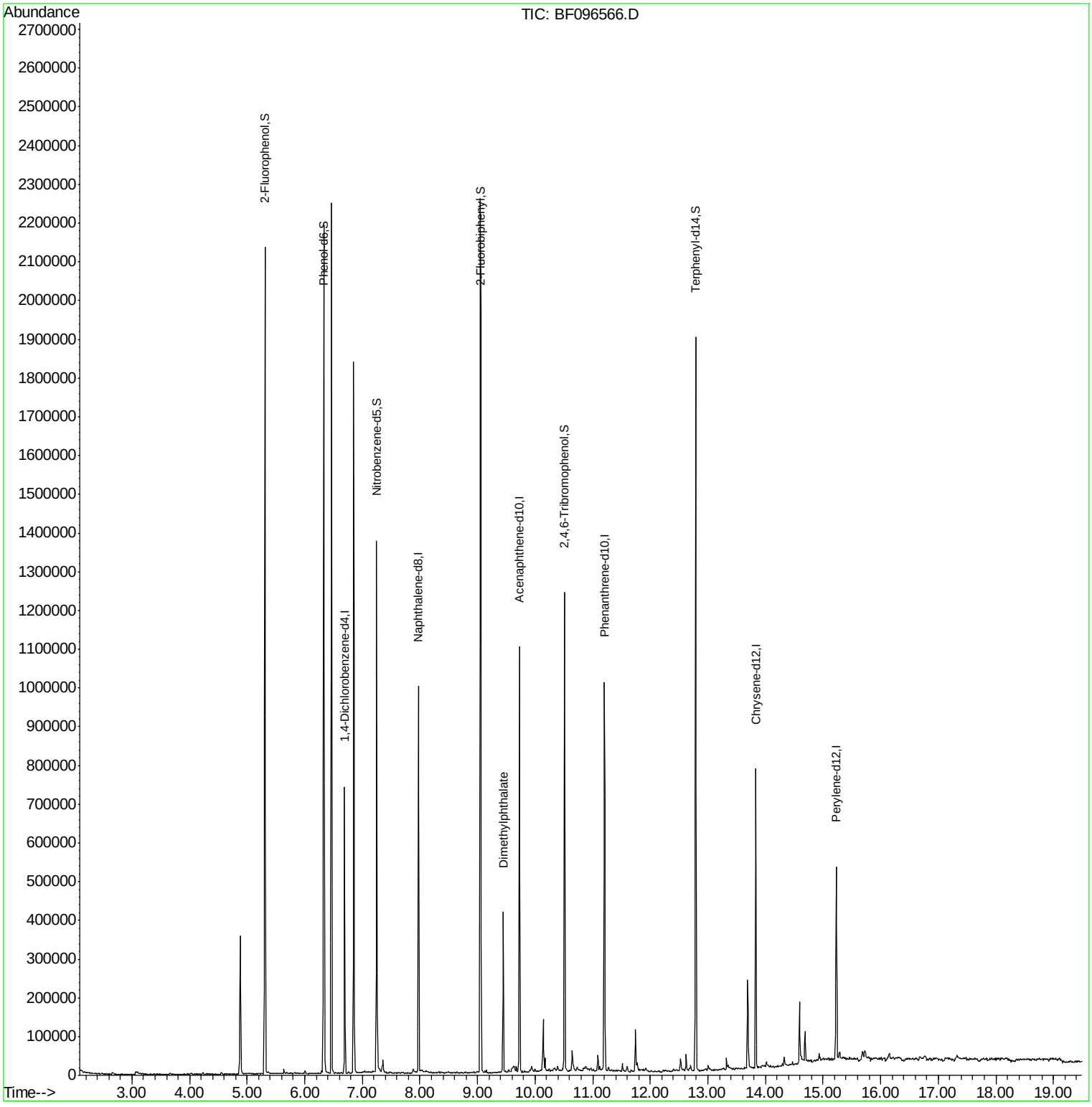
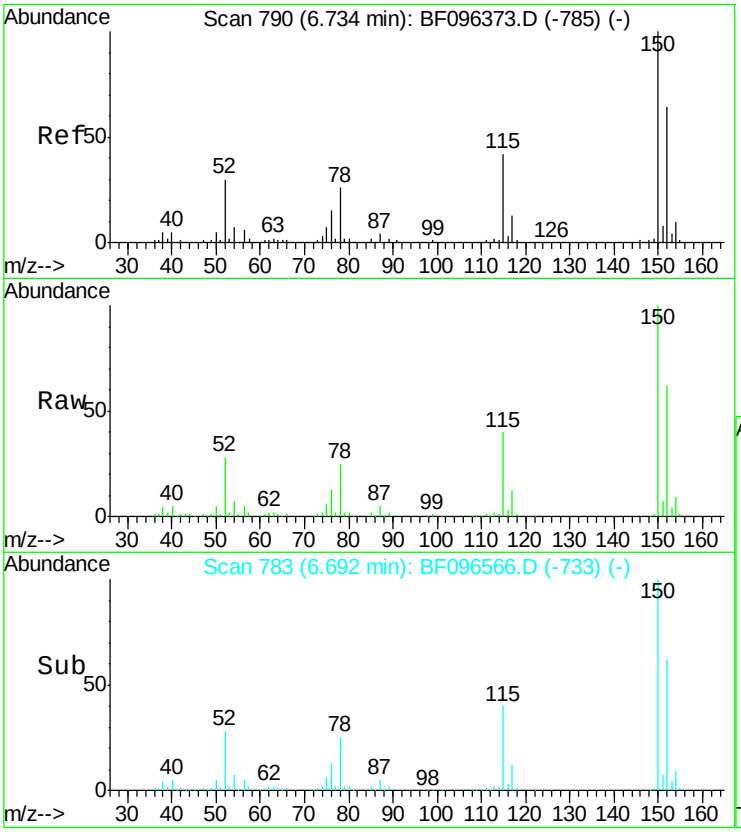


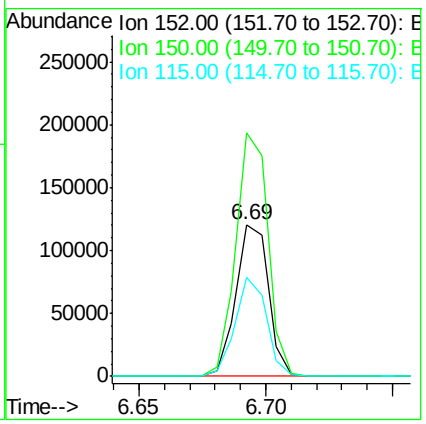


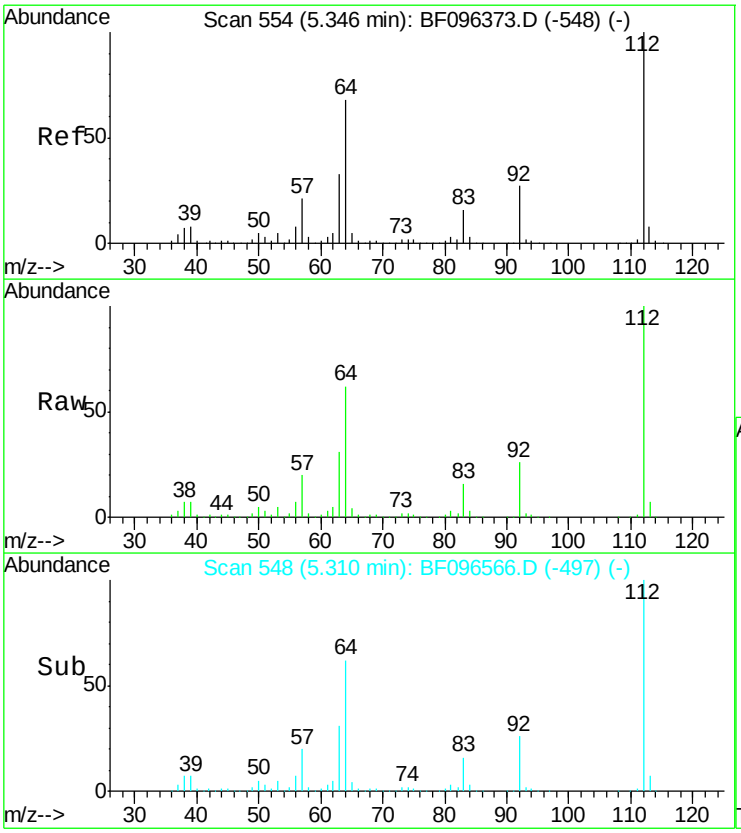
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion:152 Resp: 107631

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	64.7	52.2	78.2

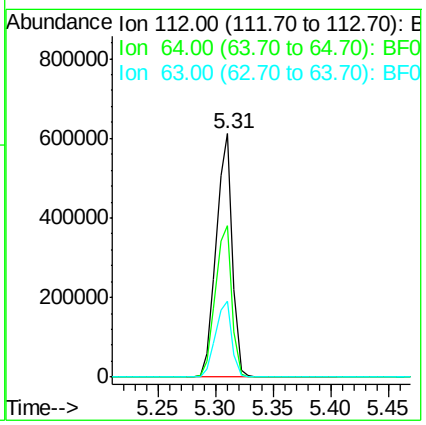


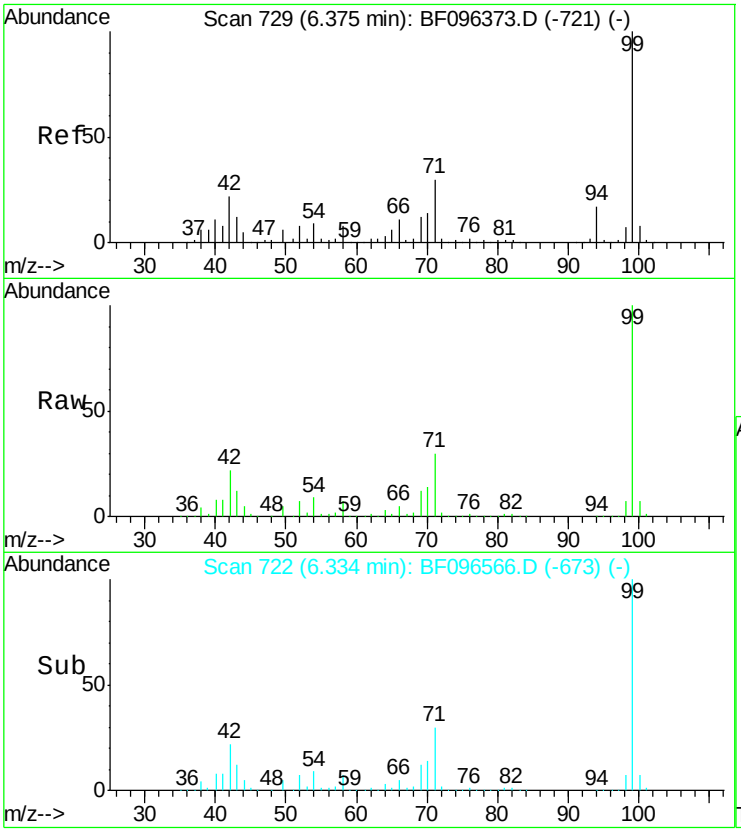


#5
2-Fluorophenol
Concen: 81.106 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Tgt Ion:112 Resp: 591444

Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.0	69.0
63	31.1	23.4	35.0



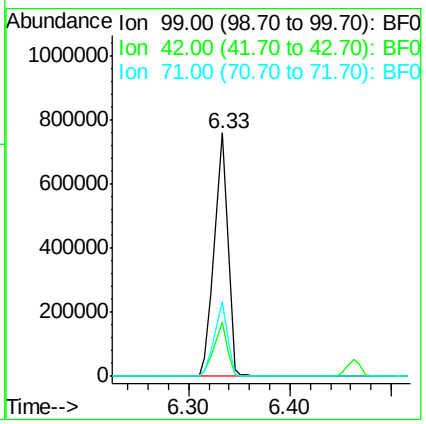


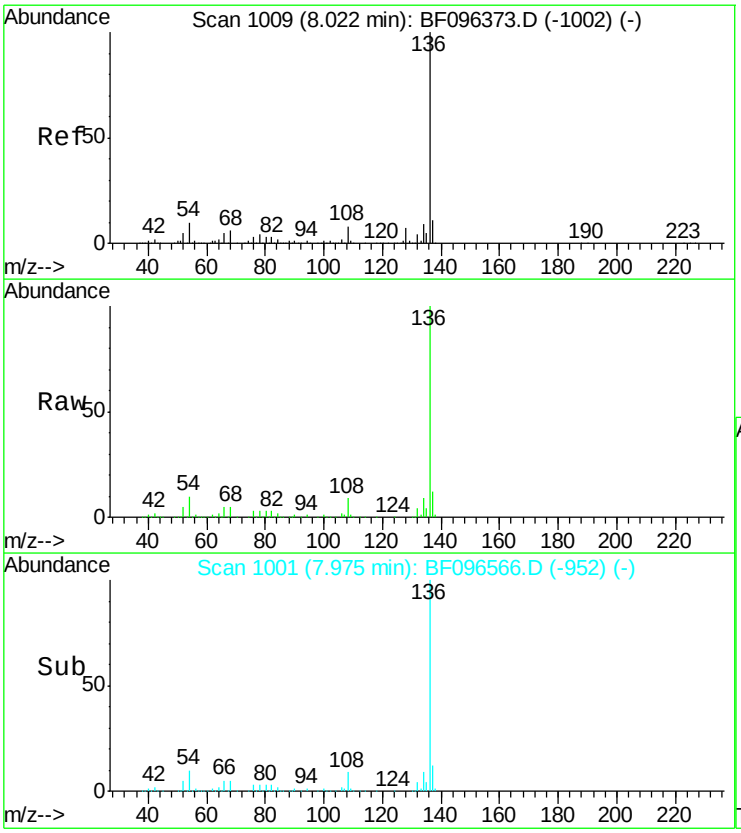
#7
Phenol-d6
Concen: 80.584 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion: 99 Resp: 722422

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	30.5	24.5	36.7

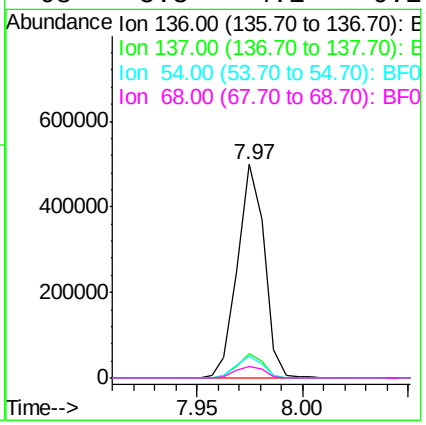


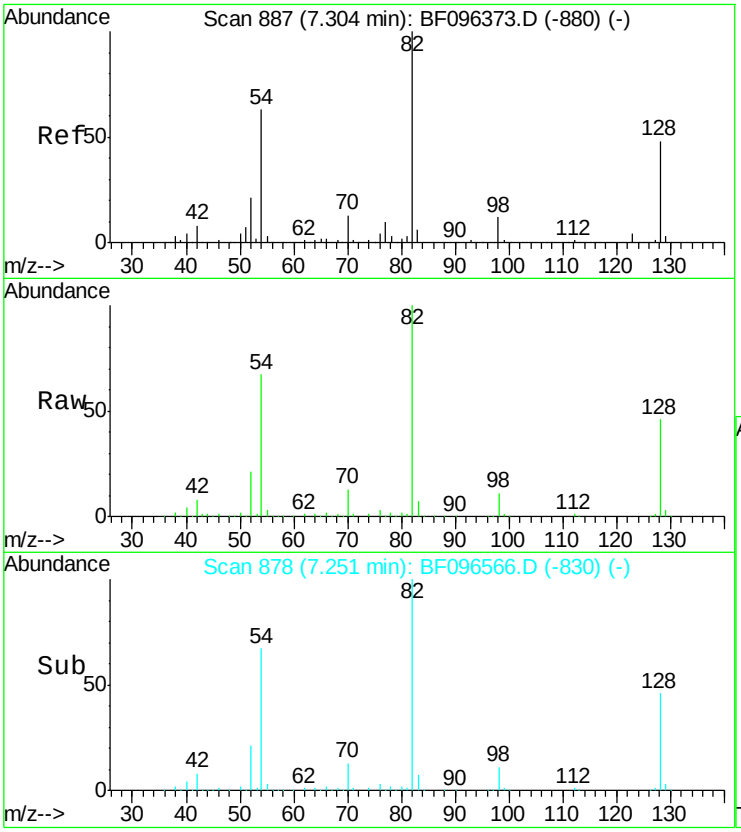


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Tgt Ion:136 Resp: 440275

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.4	4.9	7.3#
68	5.3	4.1	6.1



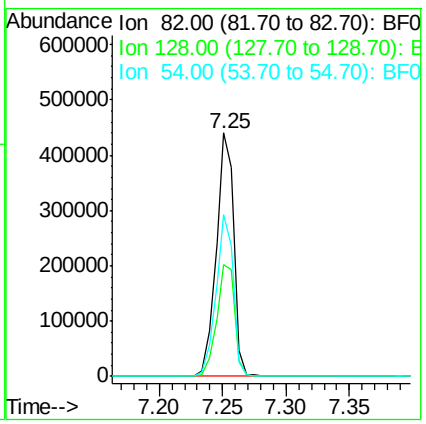


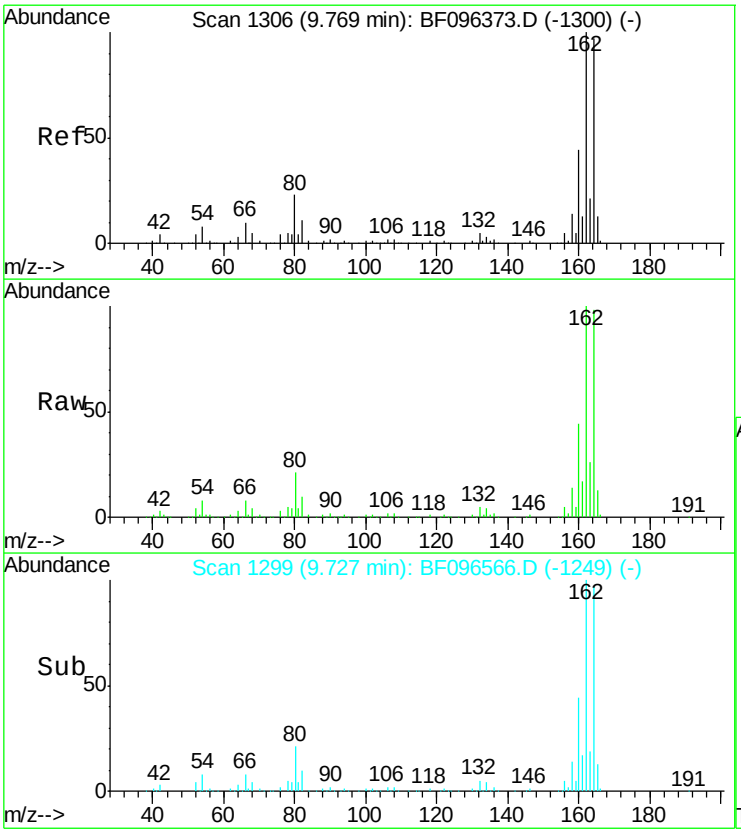
#23
Nitrobenzene-d5
Concen: 58.446 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion: 82 Resp: 428222

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	66.5	42.2	63.2#

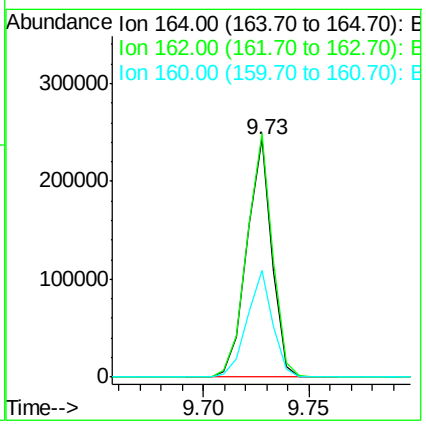


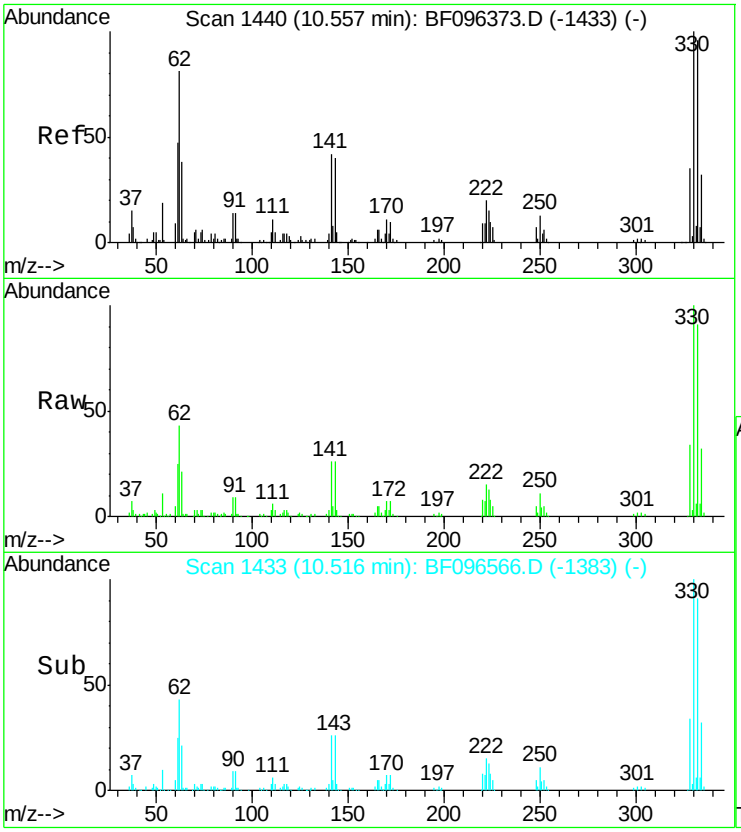


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Tgt Ion:164 Resp: 200242

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.7	36.2	54.2



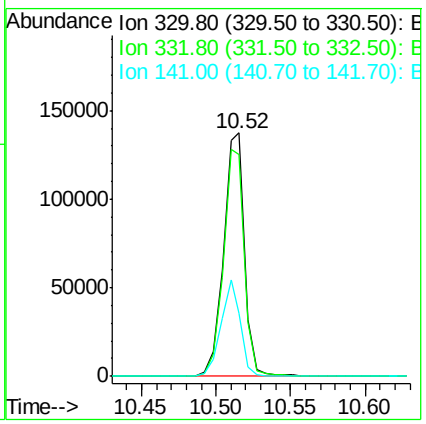


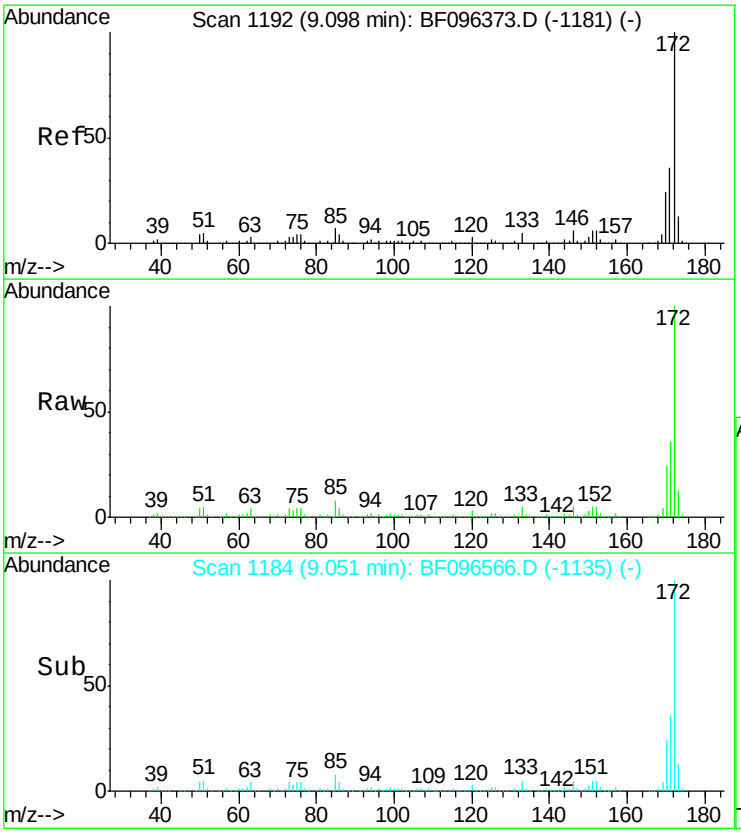
#41
2,4,6-Tribromophenol
Concen: 87.213 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion:330 Resp: 136413

Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.6	115.0
141	36.6	31.4	47.2

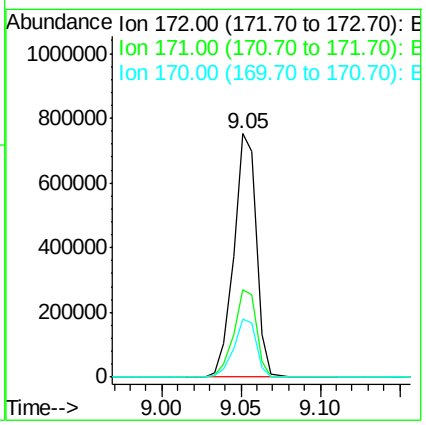


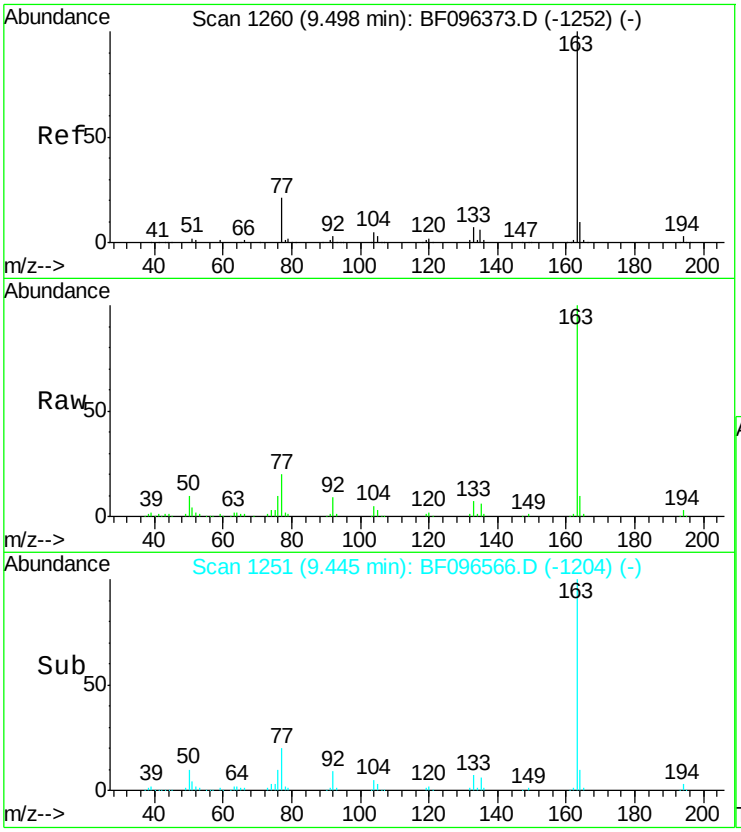


#44
2-Fluorobiphenyl
Concen: 63.184 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Tgt Ion:172 Resp: 739983

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8



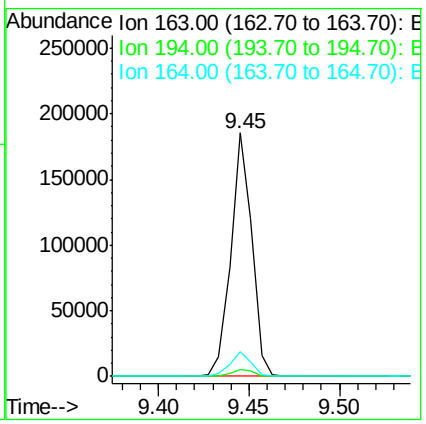


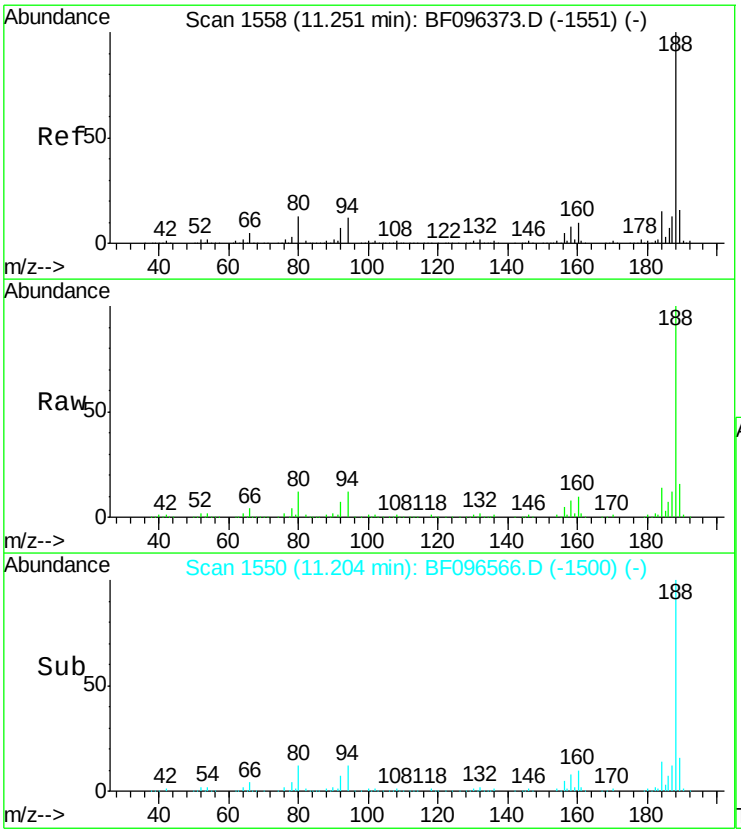
#49
Dimethylphthalate
Concen: 10.025 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion:163 Resp: 149856

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

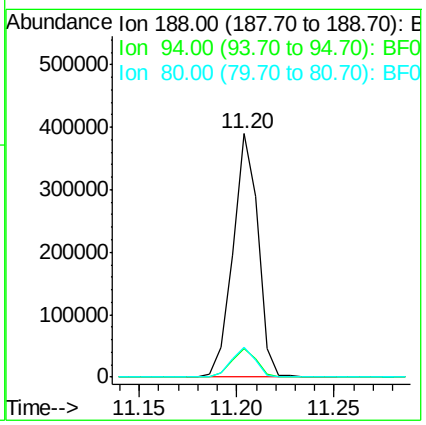


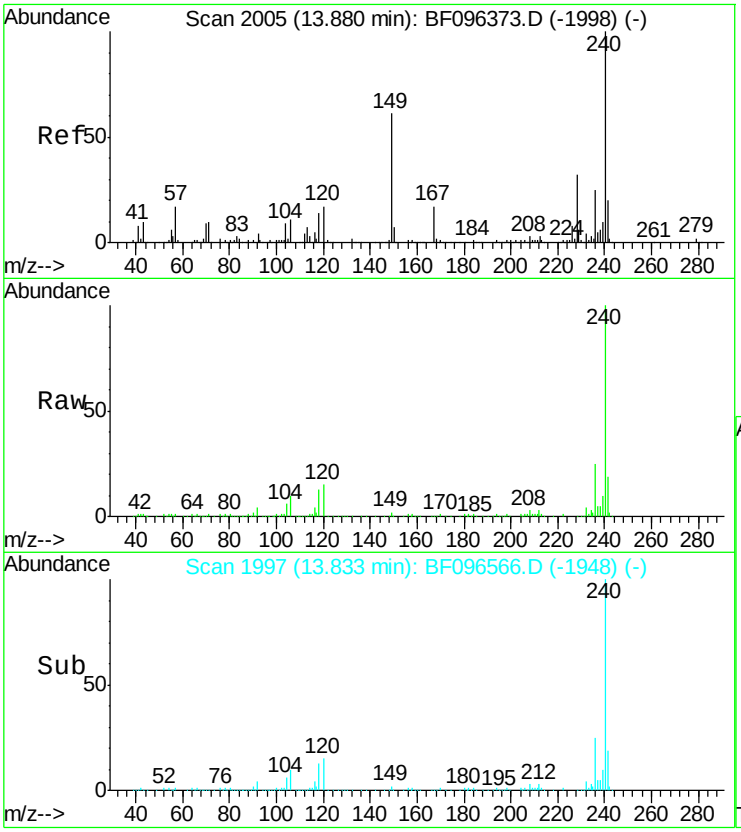


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Tgt Ion:188 Resp: 345715

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.4	10.2	15.2



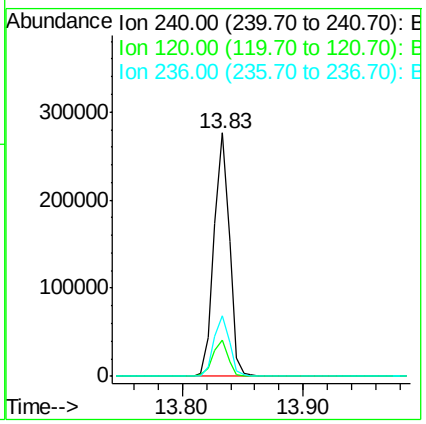


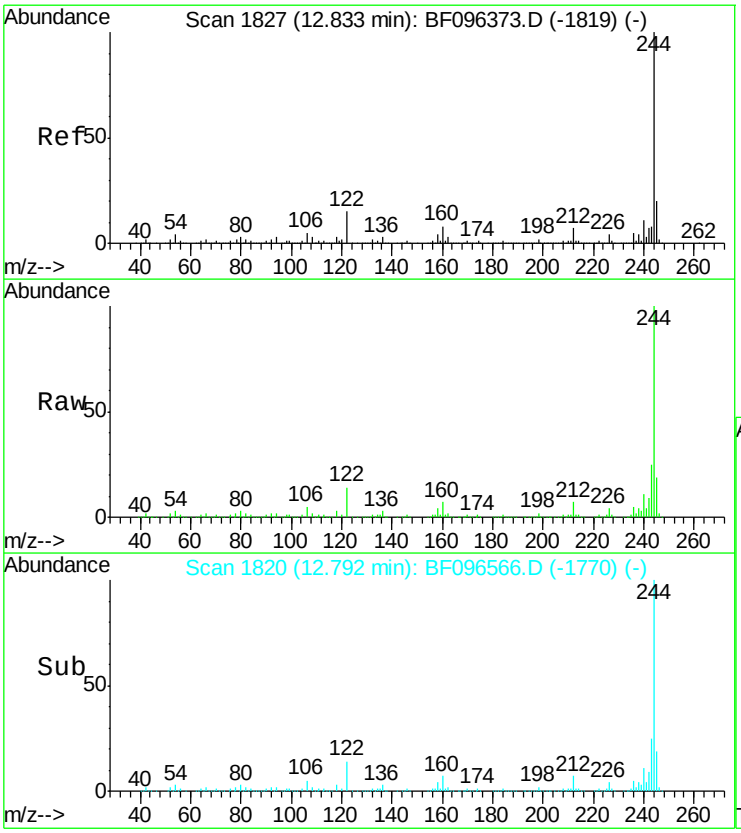
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion:240 Resp: 240711

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.8	20.5	30.7

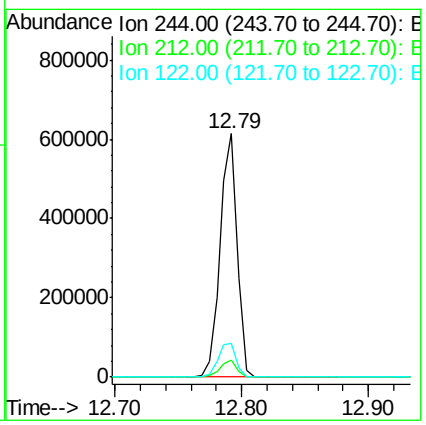


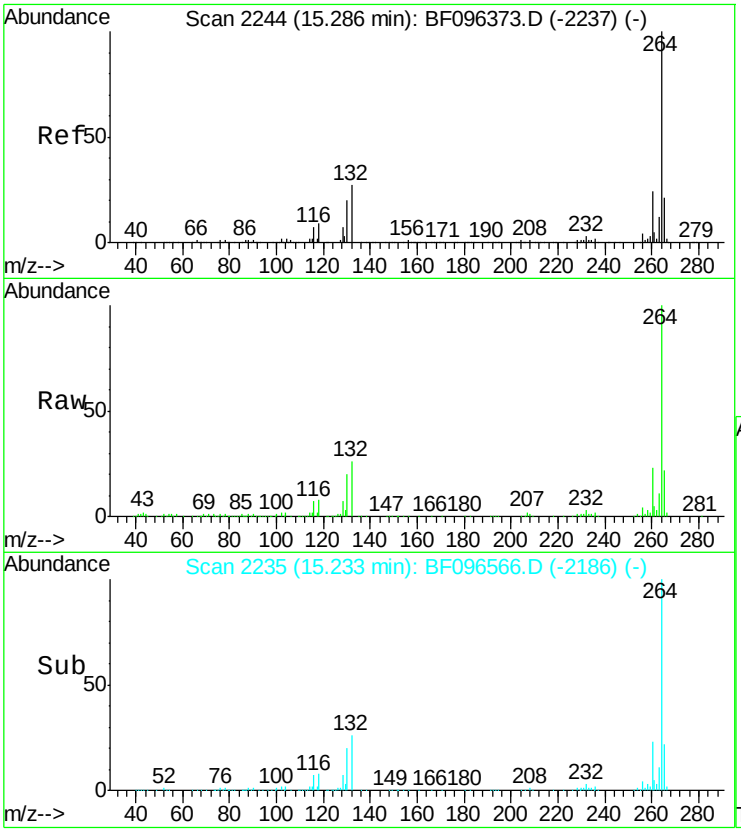


#78
Terphenyl-d14
Concen: 50.973 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Tgt Ion:244 Resp: 574200

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.0	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: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion:264 Resp: 201174

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.0	17.2	25.8