Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097382.D
Acq On : 5 Aug 2017 4:05
Operator : SJ/JU
Sample : I4564-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O10-ESW

Quant Time: Aug 05 06:44:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	215389	20.00	ng	0.09
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.79
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.53
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.00
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.63
86) Perylene-d12	0.00	264	0	0.00	ng	-14.97
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	491213	34.38	ng	-0.06
7) Phenol-d6	6.11	99	611327	37.48	ng	-0.06
23) Nitrobenzene-d5	7.01	82	358313	0.00	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	65630	0.00	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	578539	0.00	ng	-0.07
78) Terphenyl-d14	12.51	244	349025	0.00	ng	-0.08
Target Compounds						Qvalue

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

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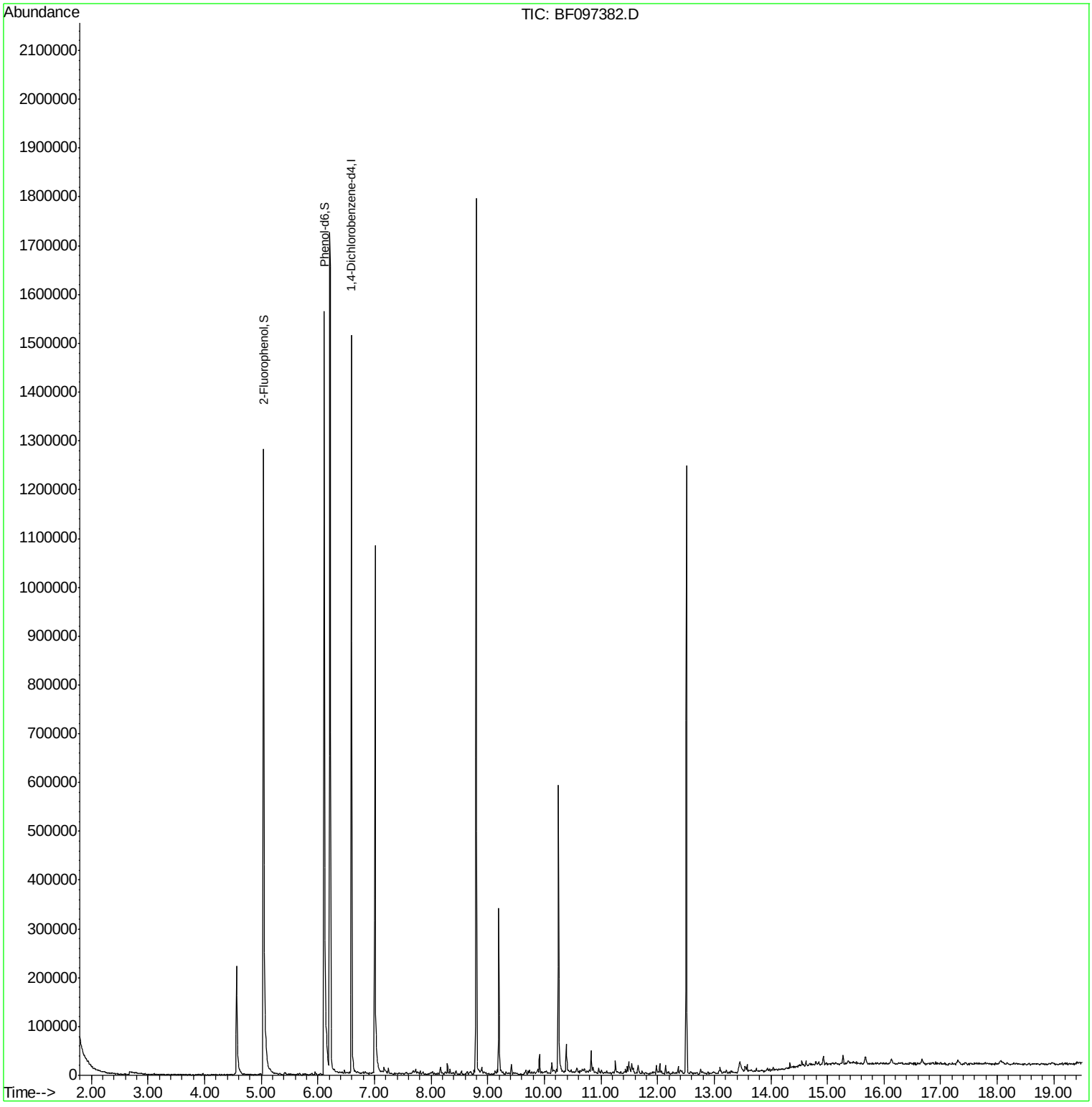
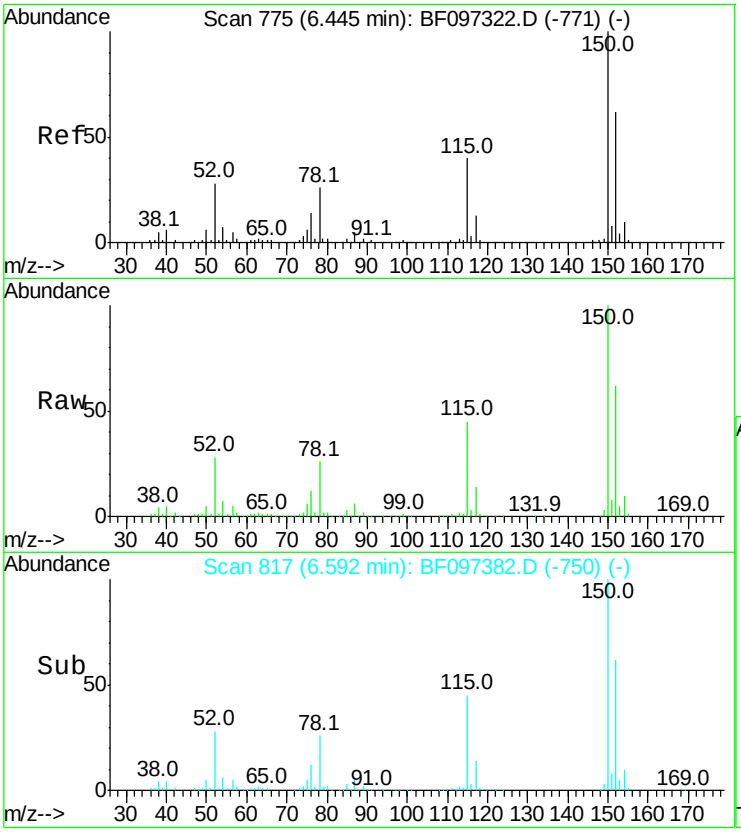


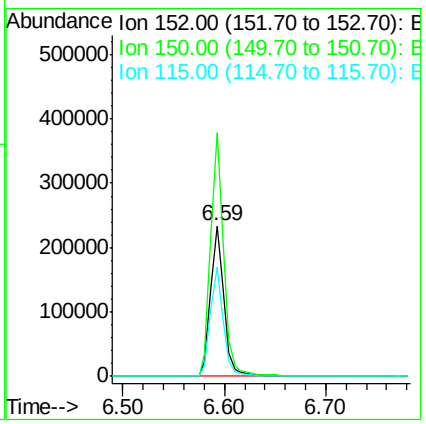


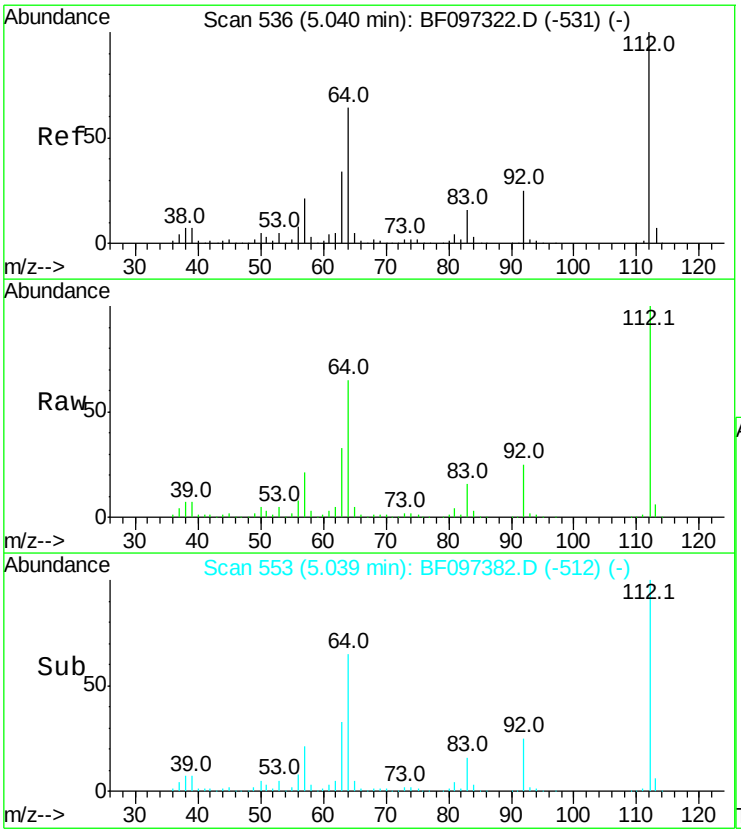
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 817
Delta R.T. 0.09 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

Tgt Ion:152 Resp: 215389

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	72.7	52.2	78.2

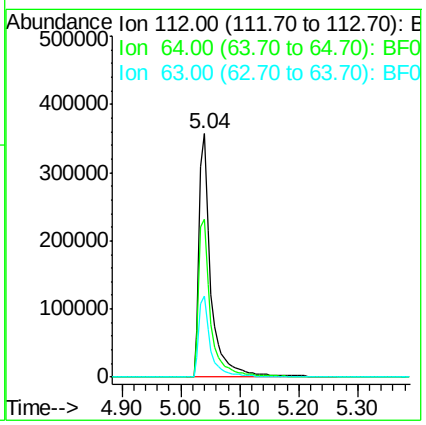


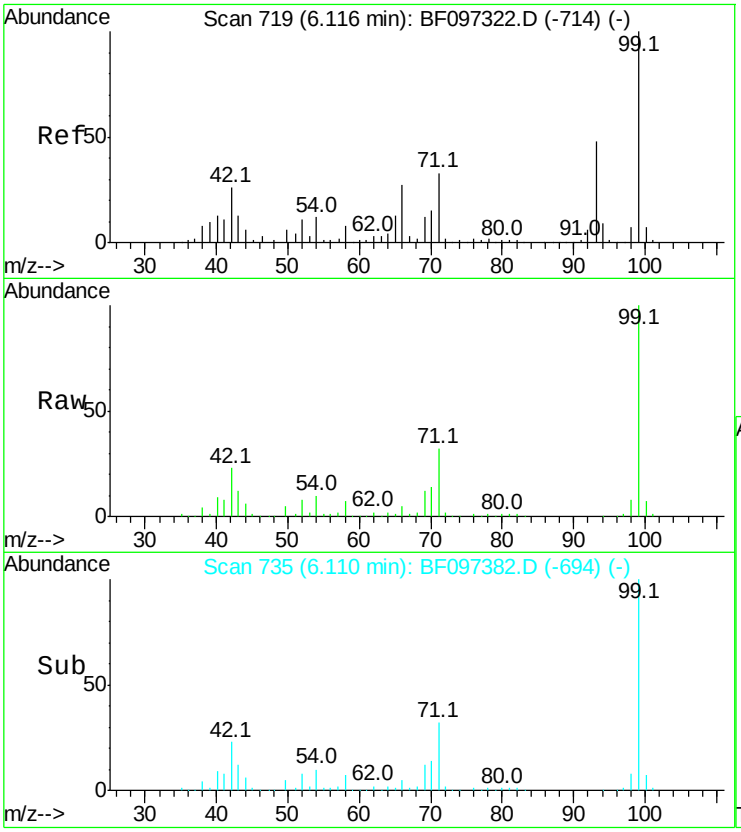


#5
2-Fluorophenol
Concen: 34.380 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion:112 Resp: 491213

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	33.2	23.4	35.0



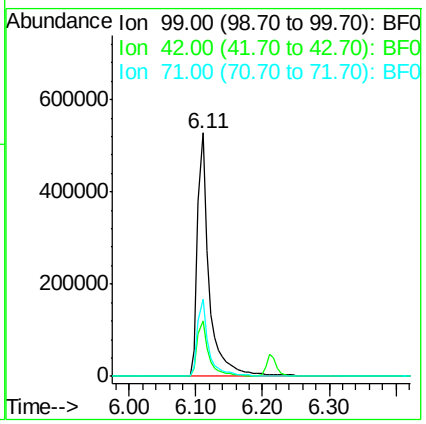


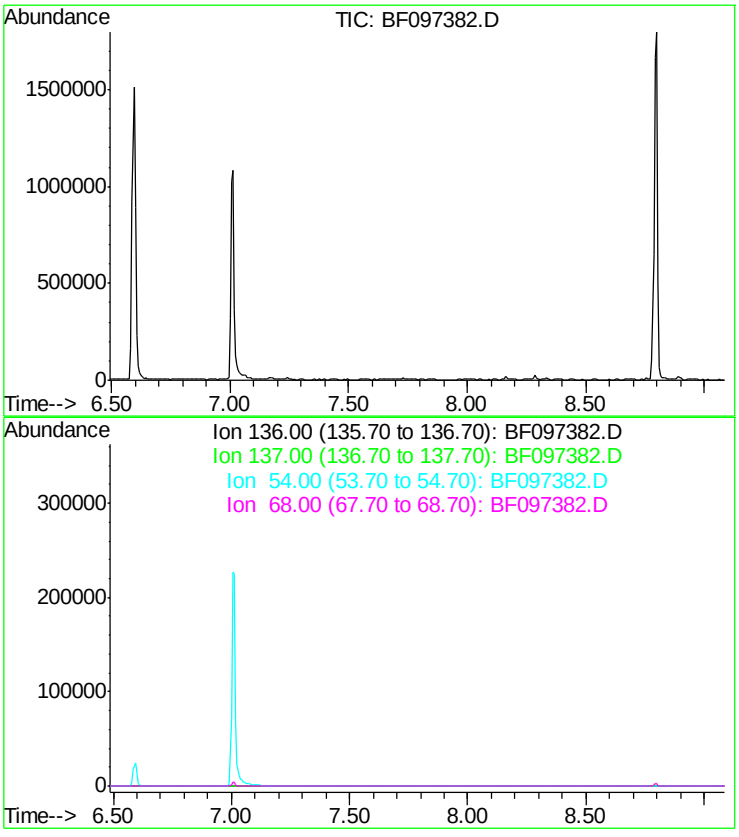
#7
Phenol-d6
Concen: 37.479 ng
RT: 6.11 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

Tgt Ion: 99 Resp: 611327

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	31.8	24.5	36.7



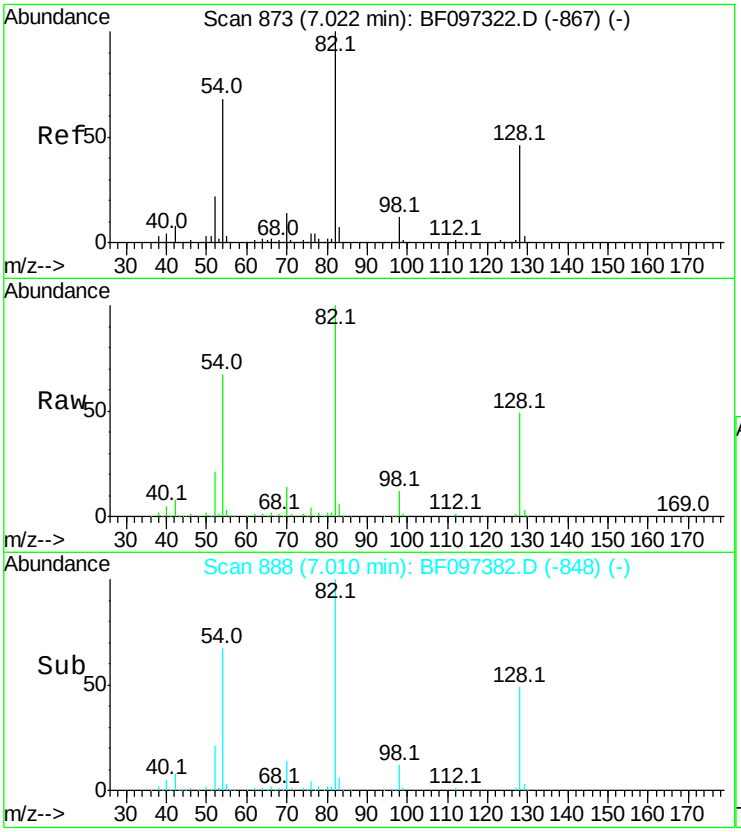


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 7.79 min

Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.6
54	6.1
68	5.1

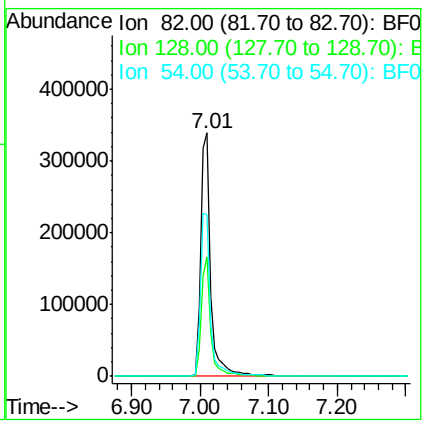


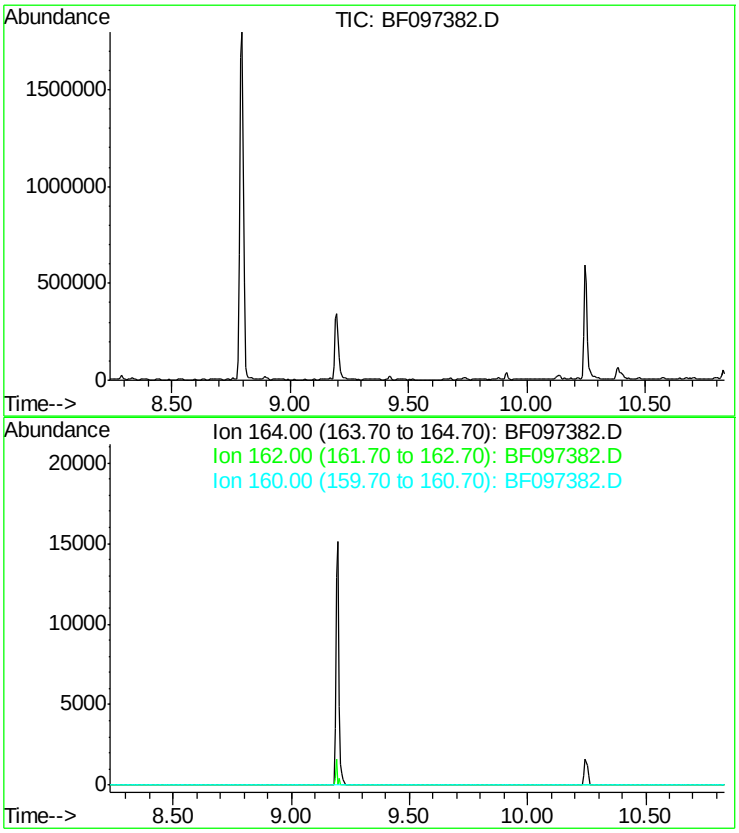
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

Tgt Ion: 82 Resp: 358313

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	66.5	42.2	63.2#



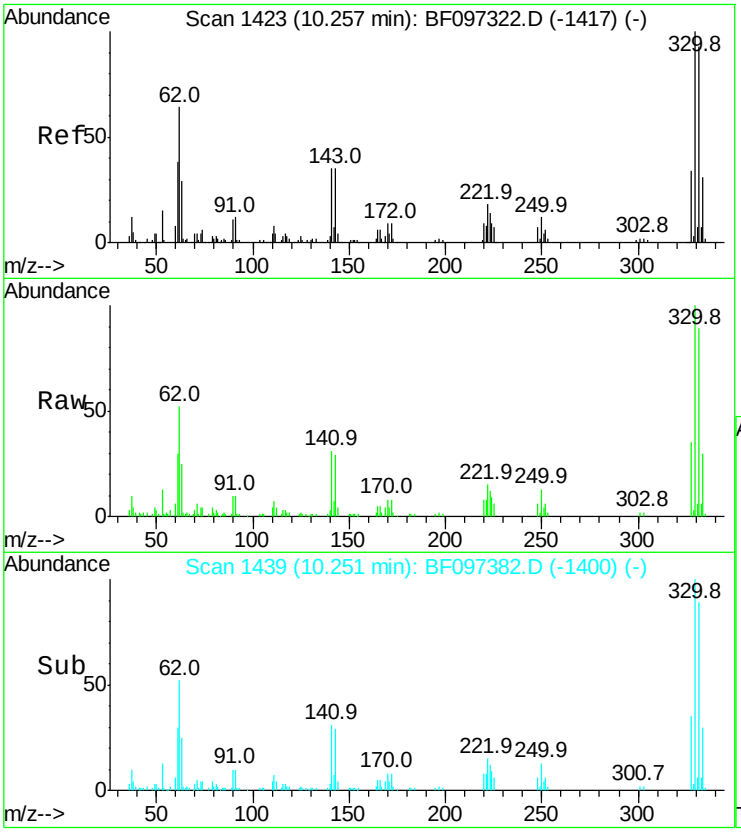


#38
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 9.53 min

Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	103.2
160	45.2

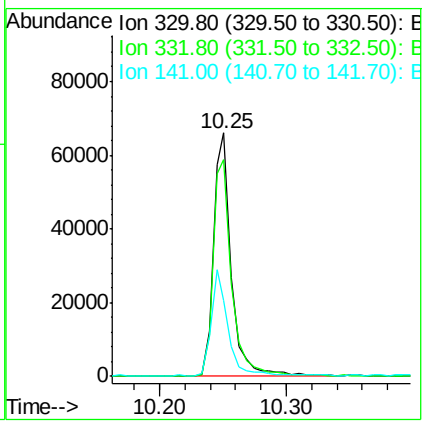


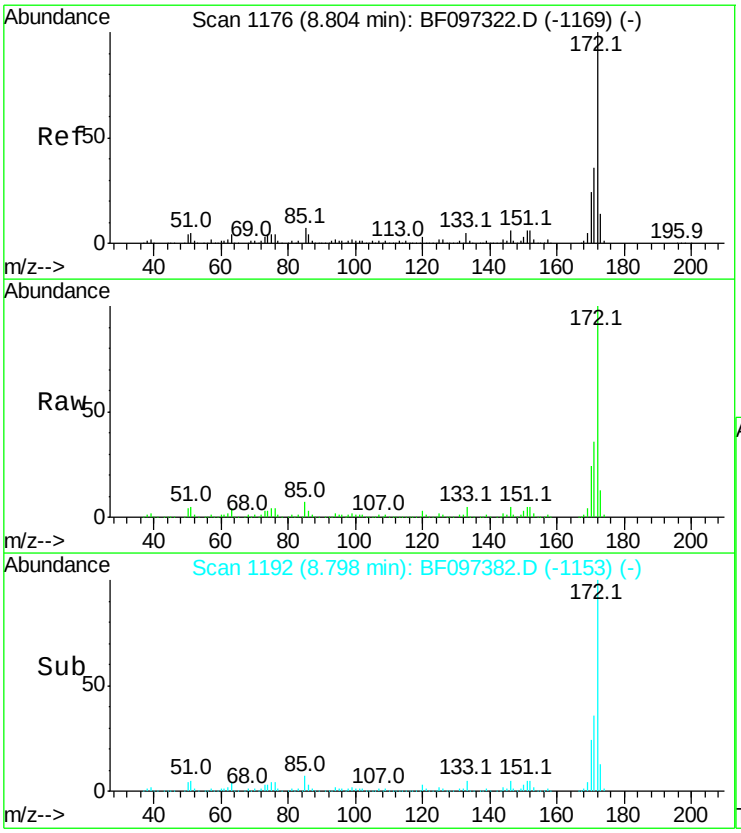
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

Tgt Ion:330 Resp: 65630

Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.6	115.0
141	41.9	31.4	47.2

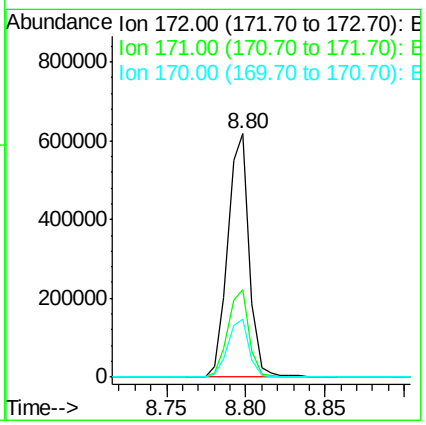


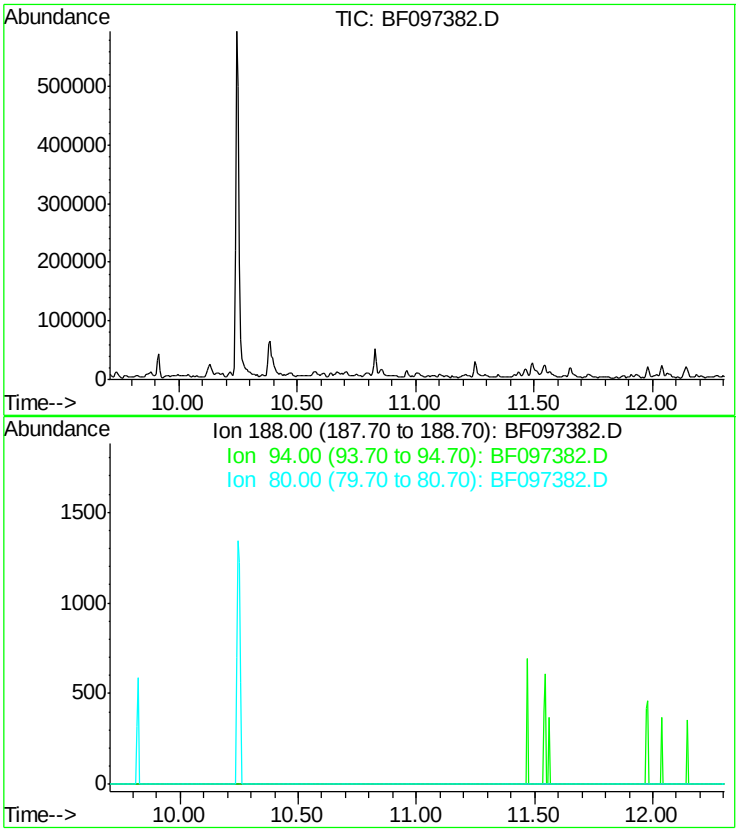


#44
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion:172 Resp: 578539

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.0	19.8	29.8





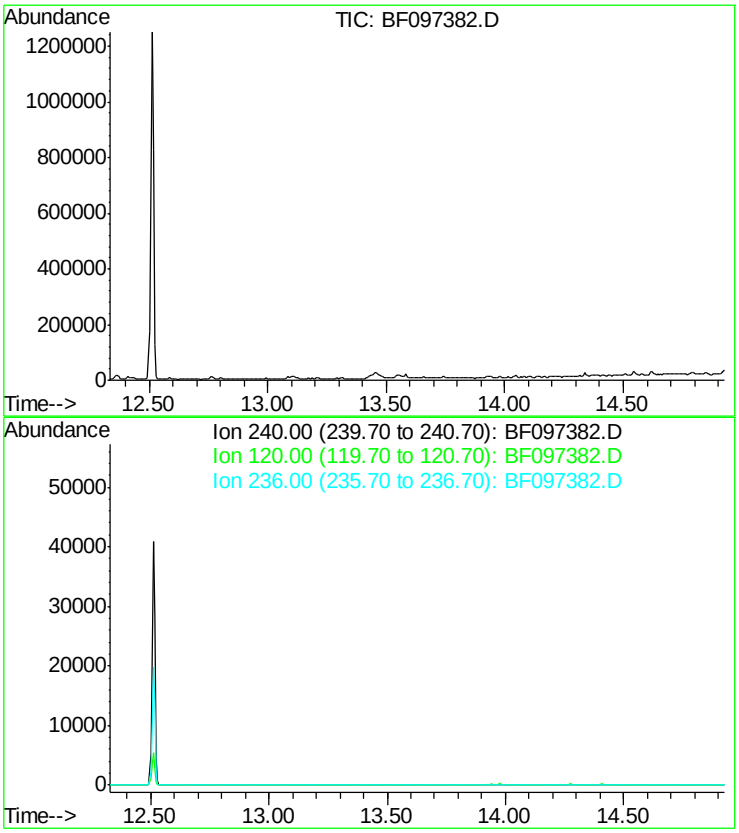
#63
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.00 min

Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	11.8
80	12.7

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

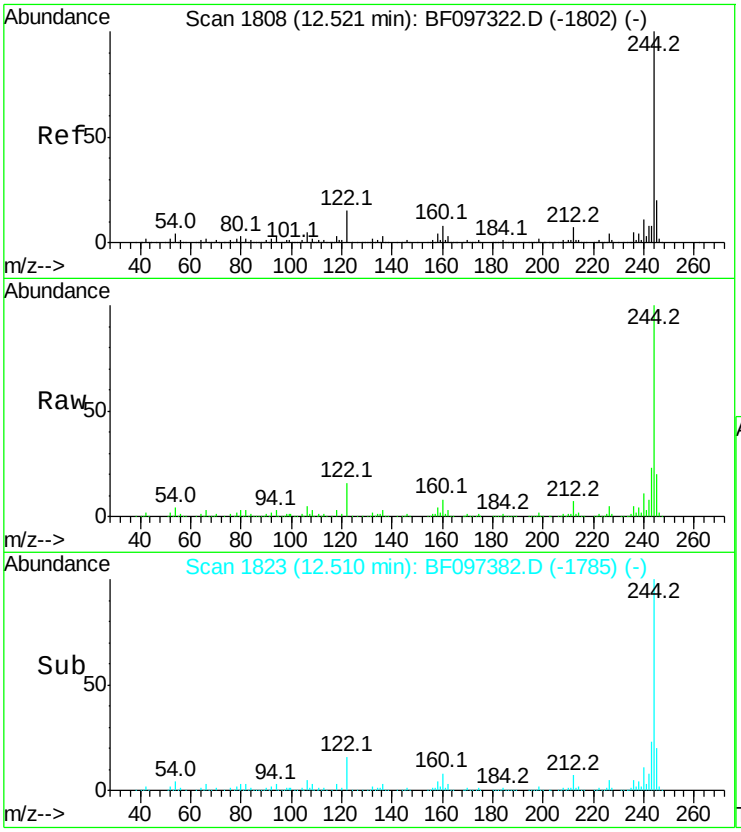


#75
Chrysene-d12
Concen: 0.000 ng
Expected RT: 13.63 min

Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	7.3
236	25.6

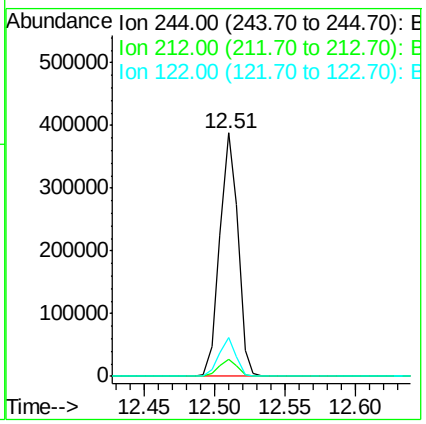


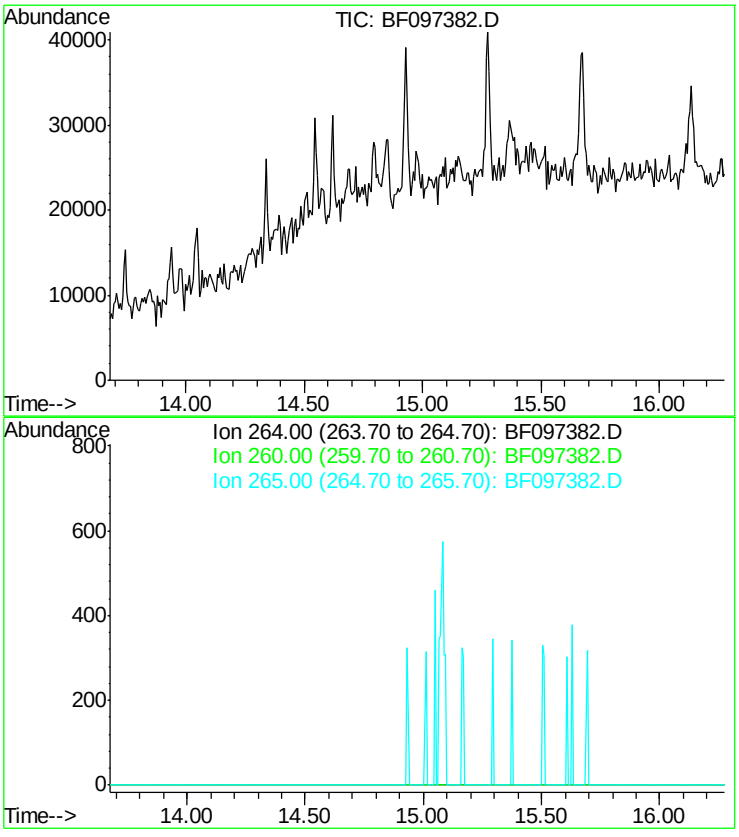
#78
Terphenyl-d14
Concen: 0.000 ng
RT: 12.51 min Scan# 1823
Delta R.T. -0.08 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Instrument :
BNA_F
ClientSampleId :
E2-O10-ESW

Tgt Ion:244 Resp: 349025

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.8	10.3	15.5#





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 14.97 min

Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.4
265	21.5