Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
Data File : BF078888.D
Acq On : 1 May 2015 13:05
Operator : TP/IZ
Sample : G2024-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01

Quant Time: May 01 14:16:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	69485	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	286213	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	132439	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	268549	20.00	ng	-0.01
75) Chrysene-d12	16.31	240	285007	20.00	ng	0.01
86) Perylene-d12	18.21	264	288679	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	563271	139.54	ng	-0.01
7) Phenol-d6	6.90	99	687944	128.93	ng	-0.02
23) Nitrobenzene-d5	8.04	82	438430	88.04	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	232506	162.28	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	938742	98.75	ng	-0.01
78) Terphenyl-d14	14.96	244	1151568	96.74	ng	-0.01
Target Compounds						Qvalue

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

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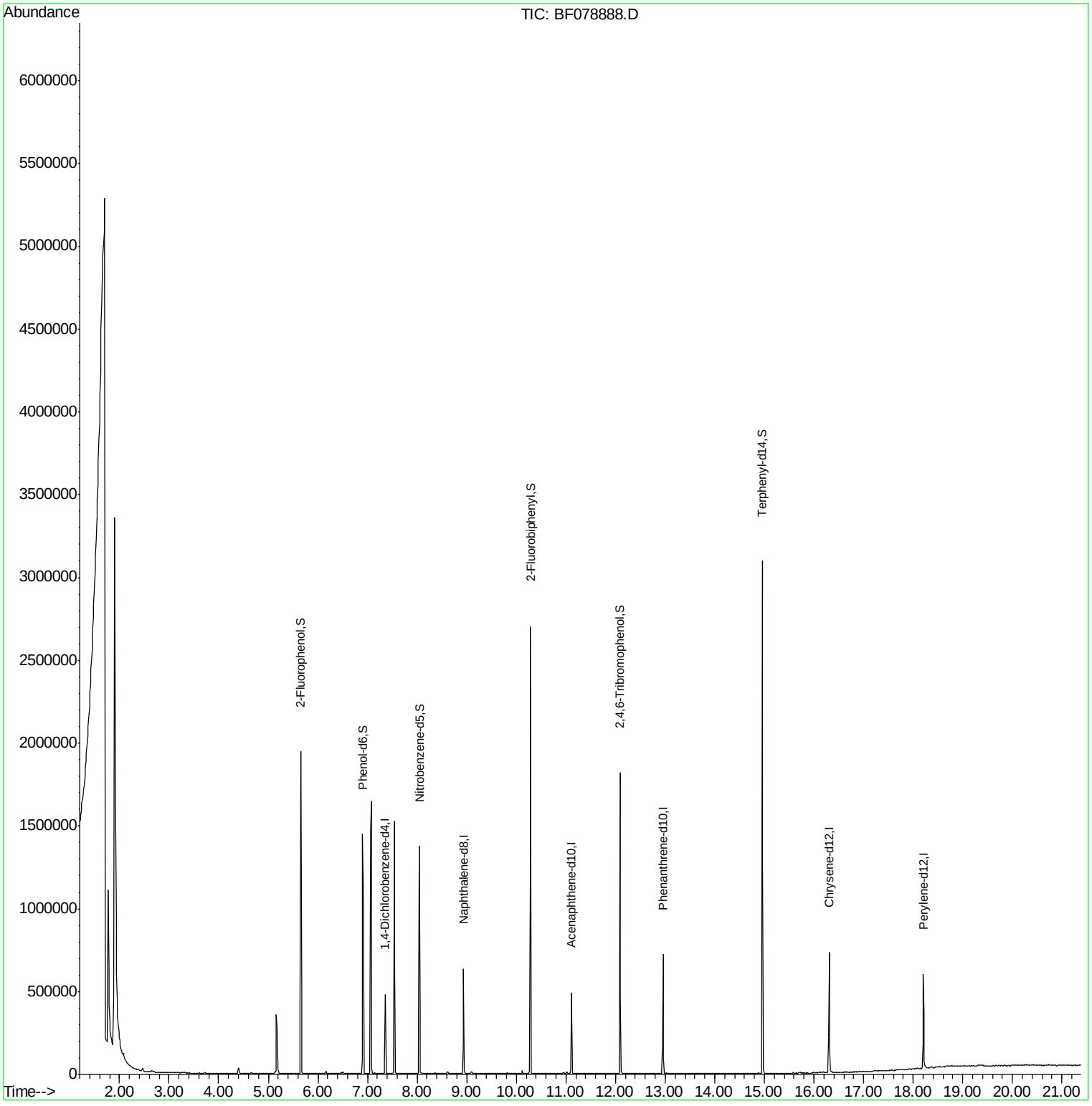
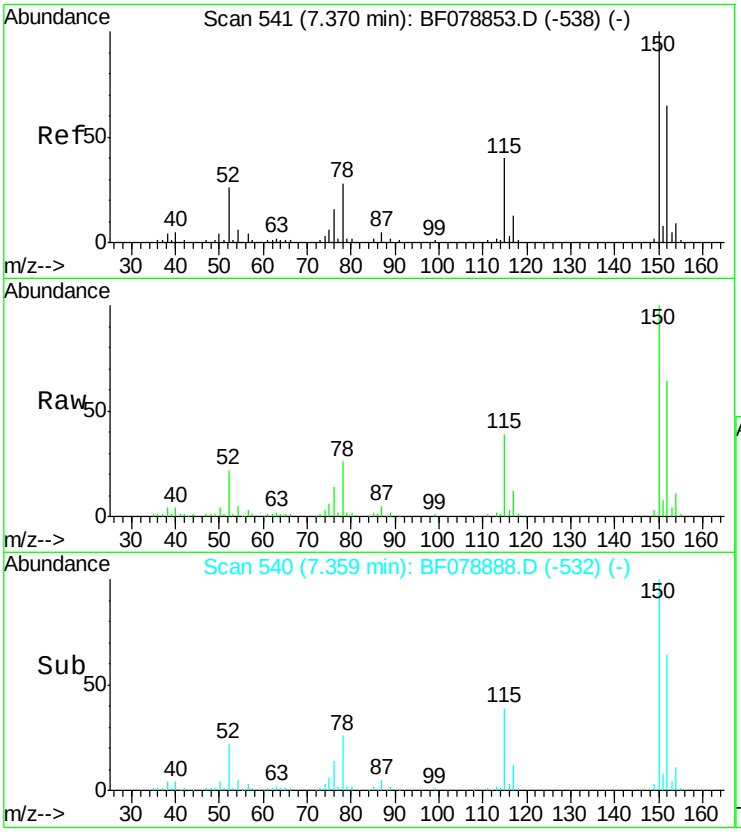


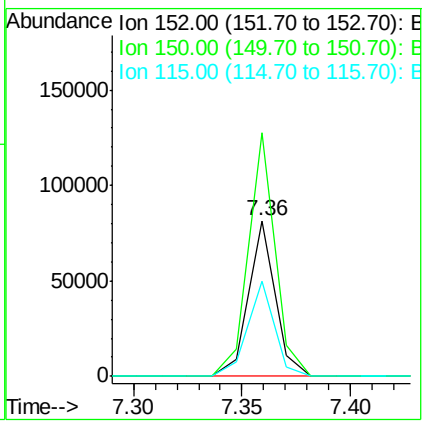


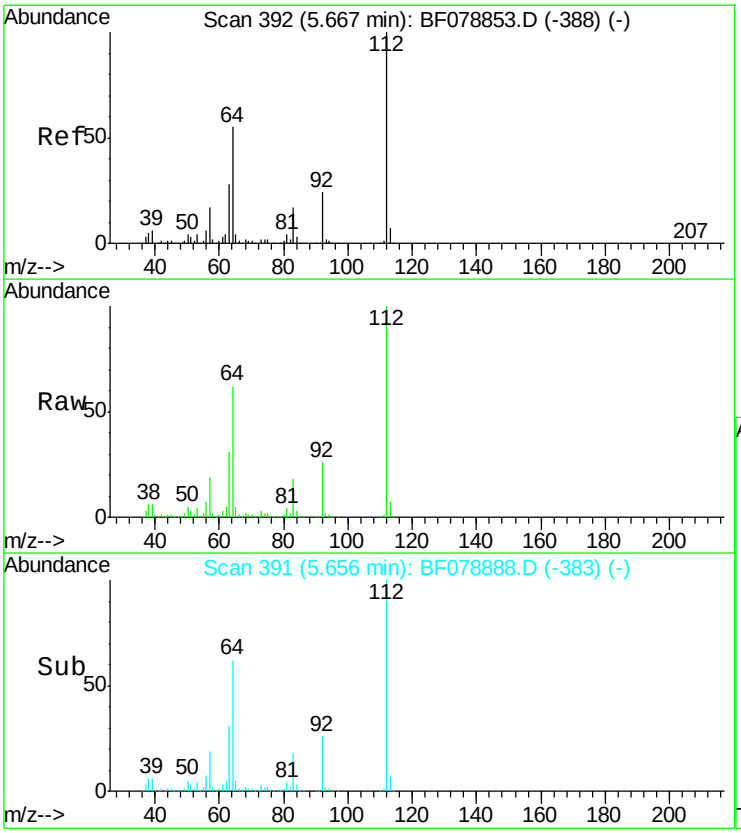
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :
WC-01

Tgt Ion:152 Resp: 69485

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.0	183.0
115	61.1	46.3	69.5

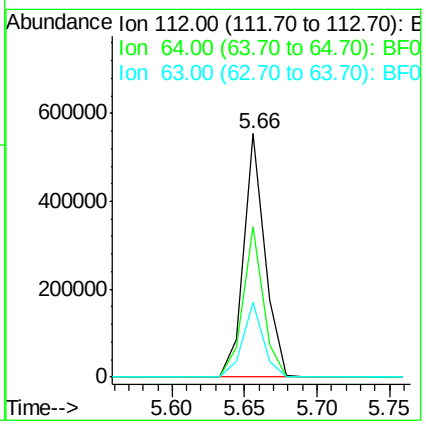


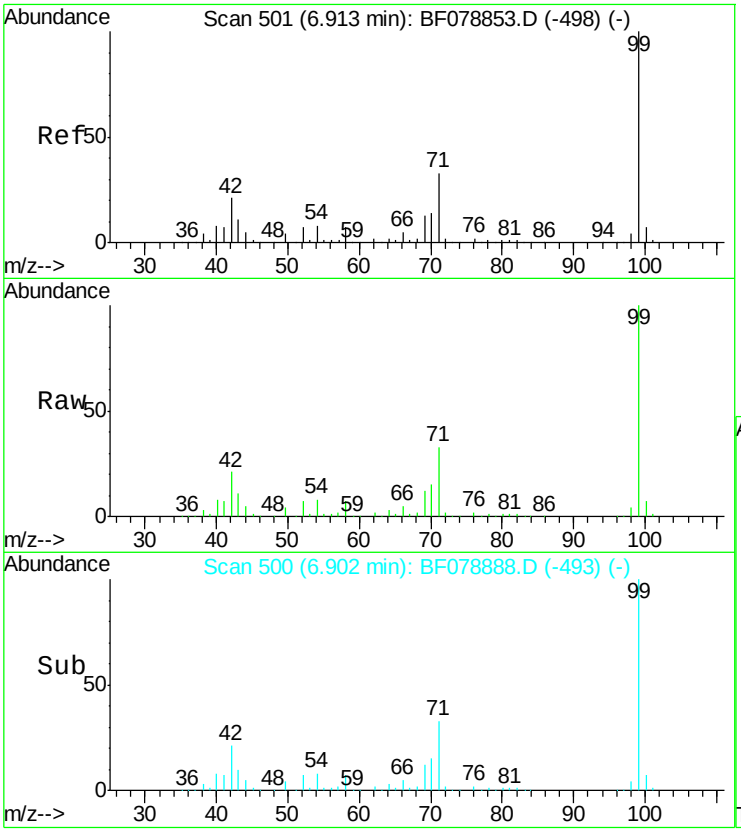


#5
2-Fluorophenol
Concen: 139.54 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion:112 Resp: 563271

Ion	Ratio	Lower	Upper
112	100		
64	61.8	53.5	80.3
63	30.9	27.5	41.3



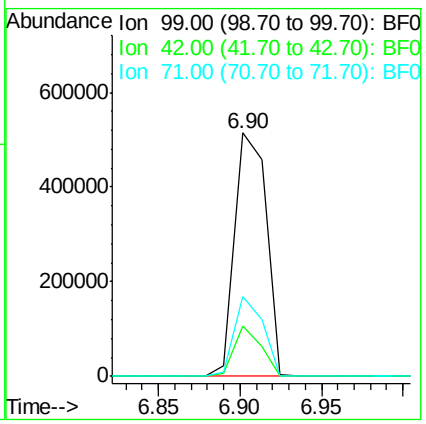


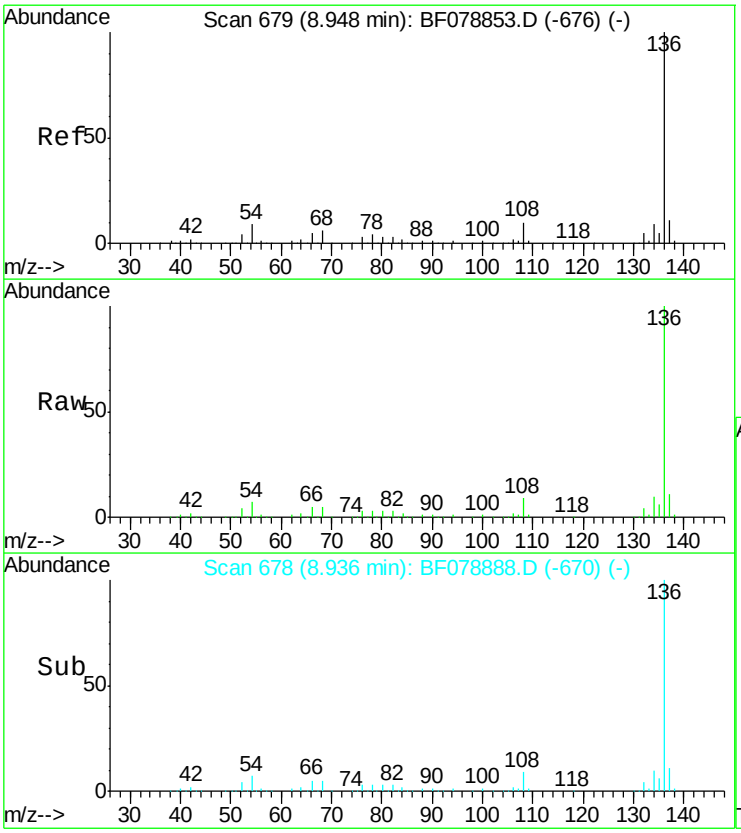
#7
Phenol-d6
Concen: 128.93 ng
RT: 6.90 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :
WC-01

Tgt Ion: 99 Resp: 687944

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	32.9	23.4	35.2

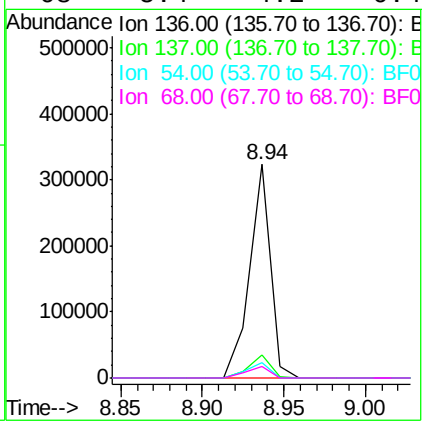


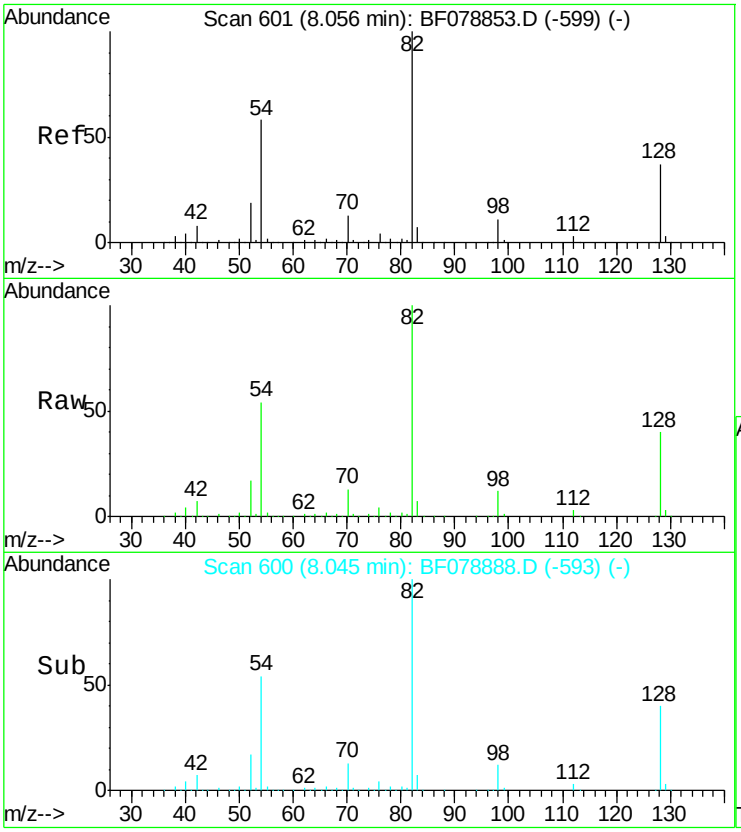


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion:136 Resp: 286213

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.1	5.8	8.8
68	5.4	4.2	6.4



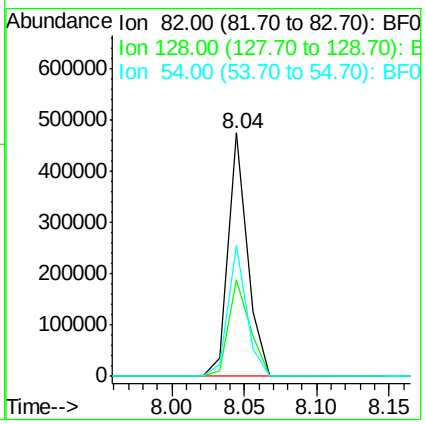


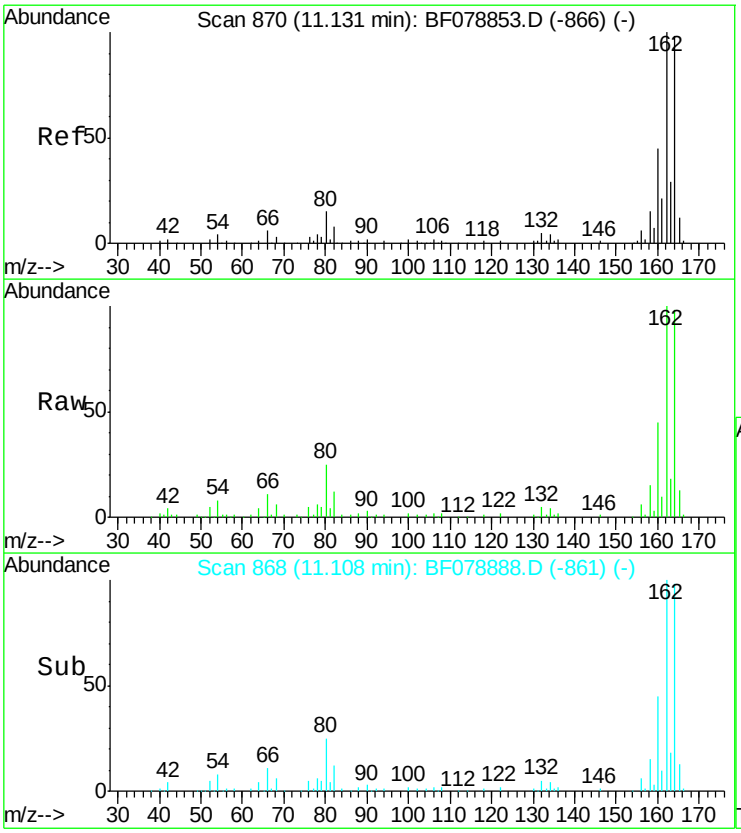
#23
Nitrobenzene-d5
Concen: 88.04 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :
WC-01

Tgt Ion: 82 Resp: 438430

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.0	45.0
54	54.0	46.4	69.6

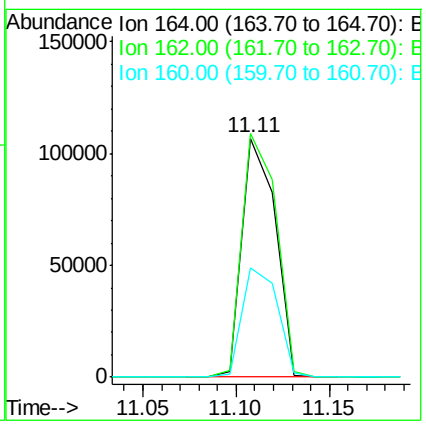


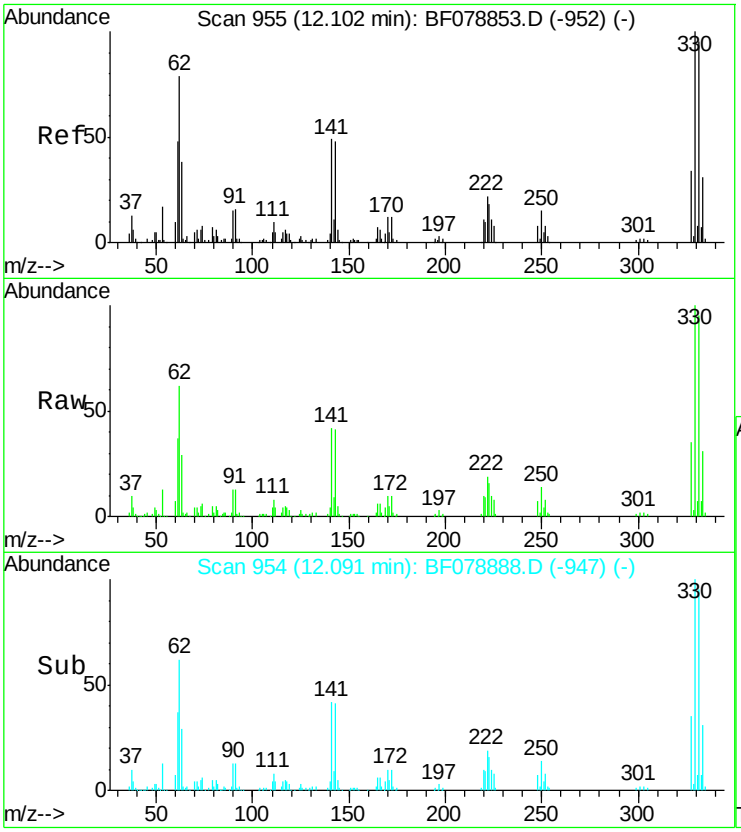


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion:164 Resp: 132439

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.7	124.1
160	45.8	35.8	53.8



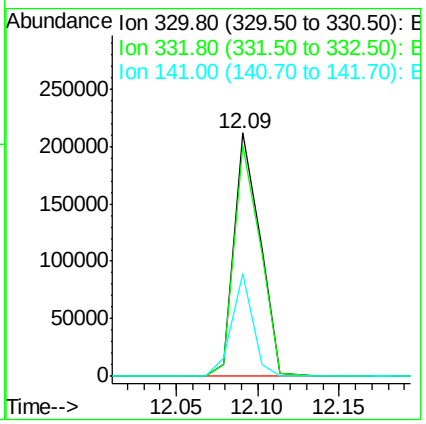


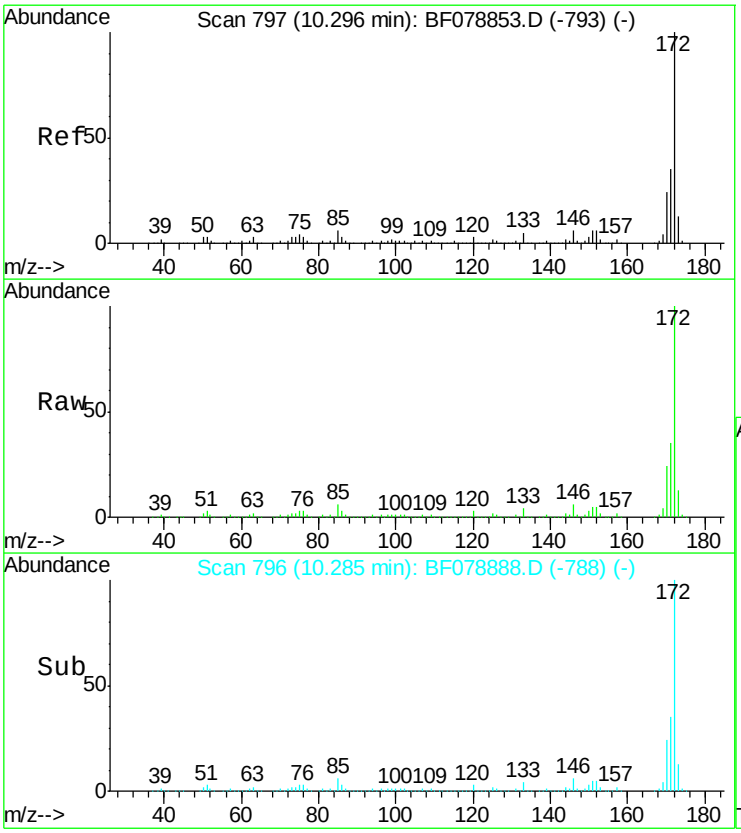
#41
2,4,6-Tribromophenol
Concen: 162.28 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :
WC-01

Tgt Ion:330 Resp: 232506

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	34.4	0.0	0.0#

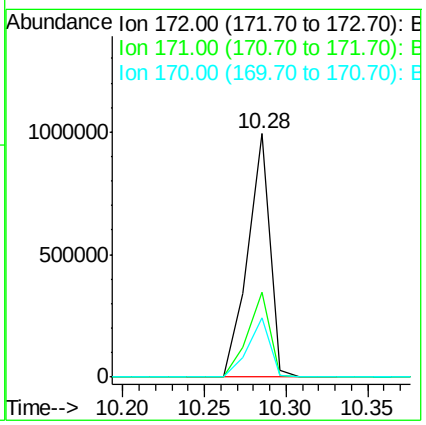


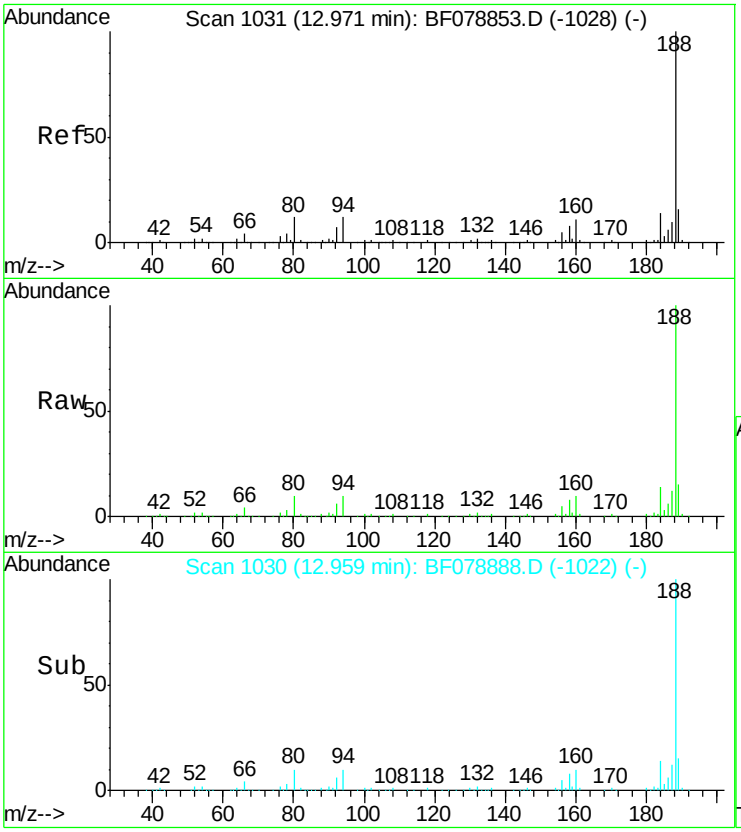


#44
2-Fluorobiphenyl
Concen: 98.75 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion:172 Resp: 938742

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	24.2	19.4	29.0



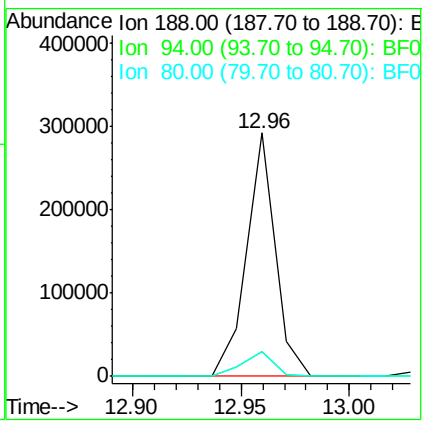


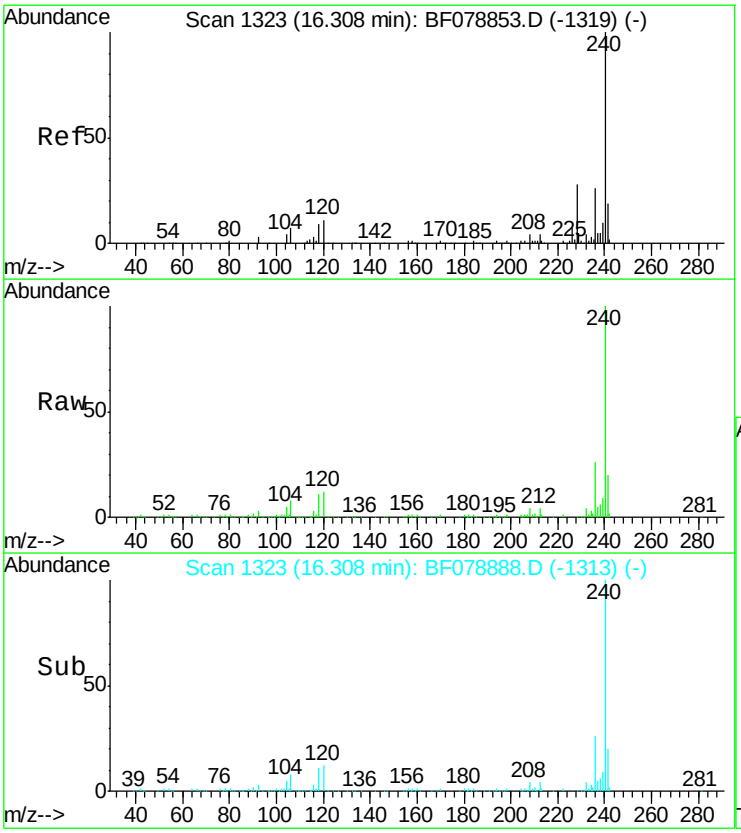
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :
WC-01

Tgt Ion:188 Resp: 268549

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.2	8.9	13.3

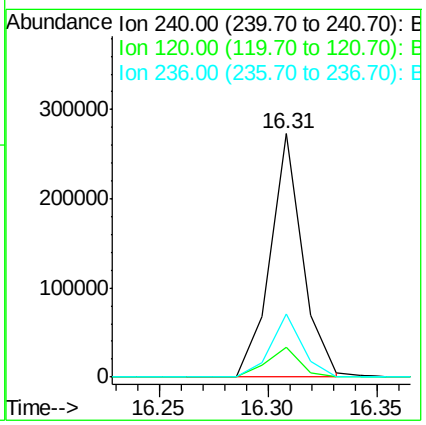


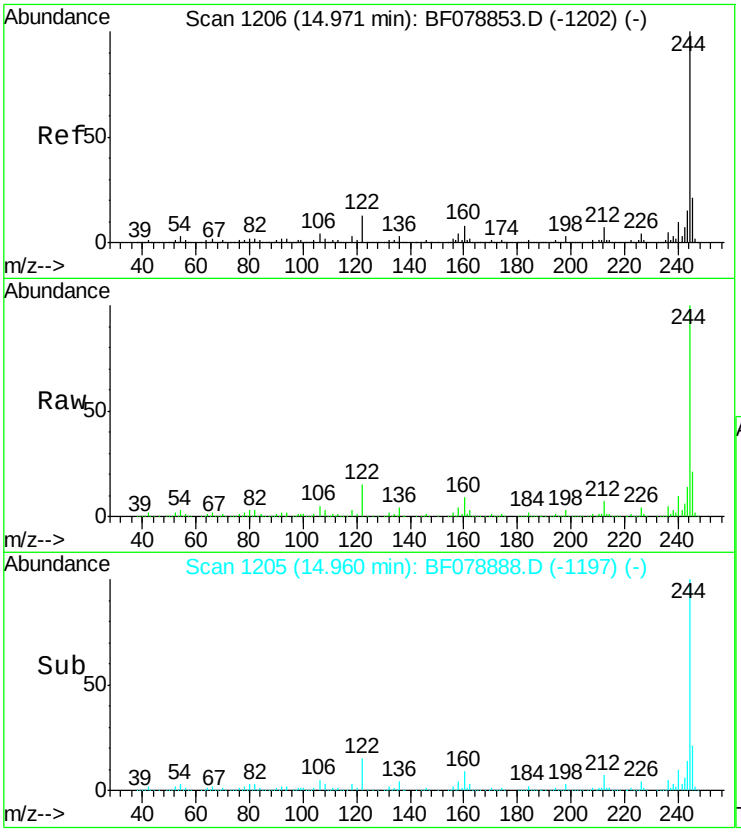


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion:240 Resp: 285007

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	26.2	20.2	30.4



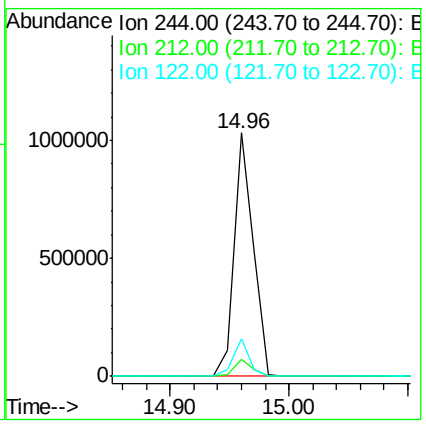


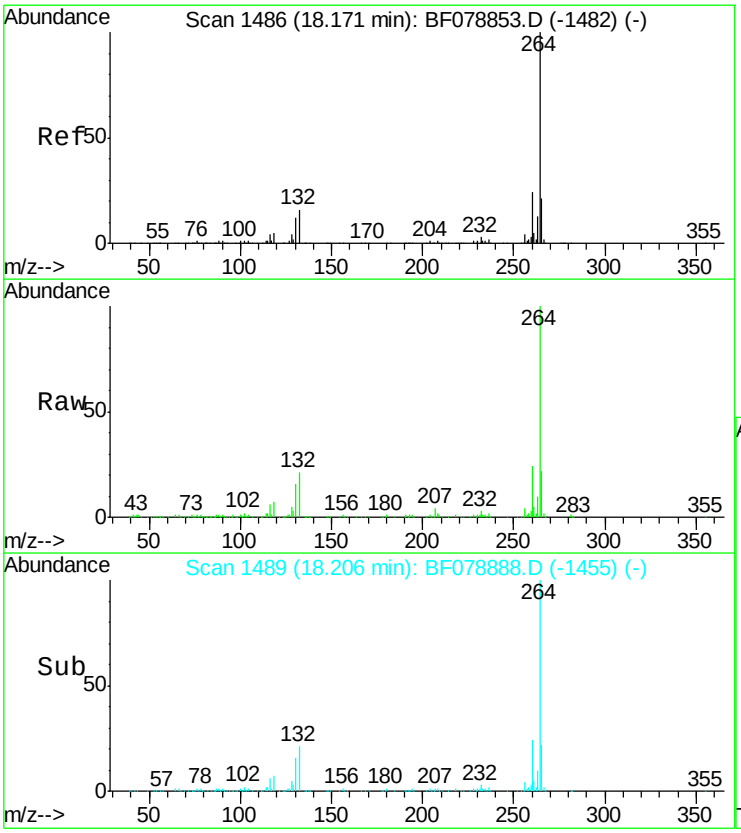
#78
Terphenyl-d14
Concen: 96.74 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :
WC-01

Tgt Ion:244 Resp: 1151568

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	15.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1489
Delta R.T. 0.09 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion:264 Resp: 288679

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.5	18.3	27.5