Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081206.D
Acq On : 25 Aug 2015 19:03
Operator : UM/IZ
Sample : G3407-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P003-BF004-01

Quant Time: Aug 26 00:50:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	71734	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	252233	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	126490	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	241256	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	194099	20.00	ng	-0.02
86) Perylene-d12	14.97	264	145617	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	469141	98.37	ng	0.00
7) Phenol-d6	6.18	99	746673	119.99	ng	-0.01
23) Nitrobenzene-d5	7.10	82	436024	78.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	123102	112.27	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	622929	64.53	ng	-0.01
78) Terphenyl-d14	12.62	244	655022	72.35	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.29	163	174301	16.73	ng	100

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

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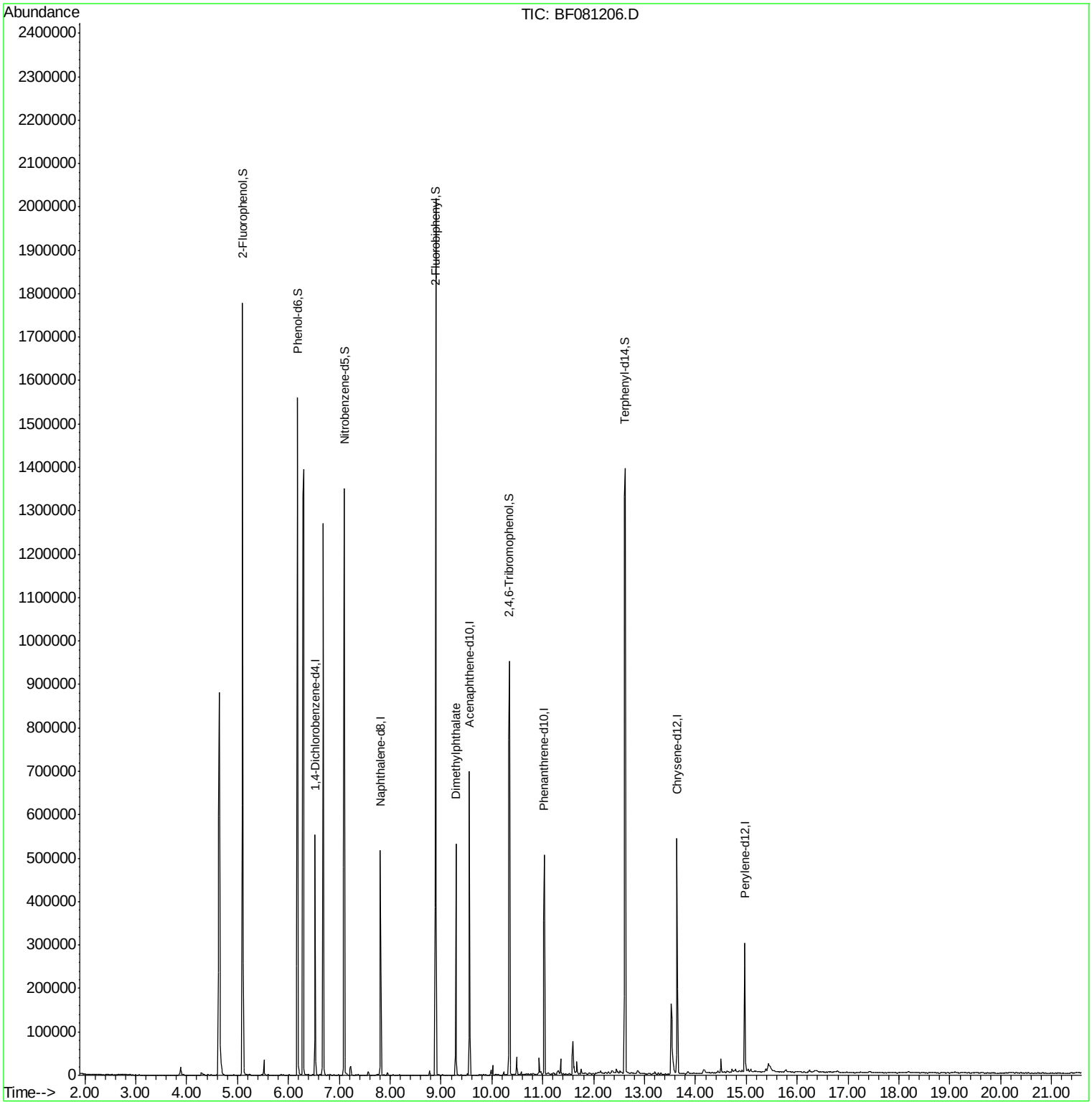
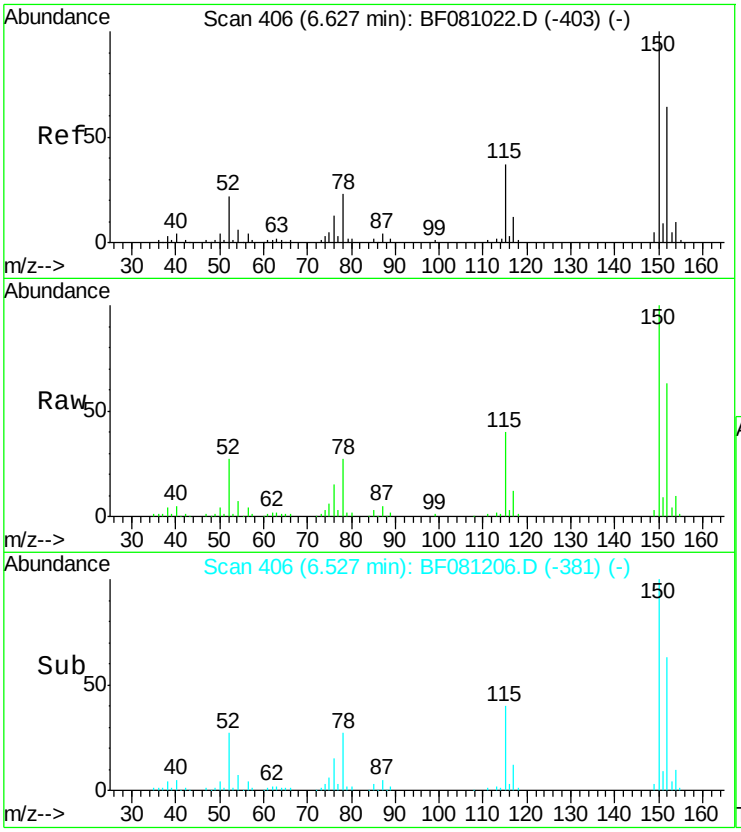


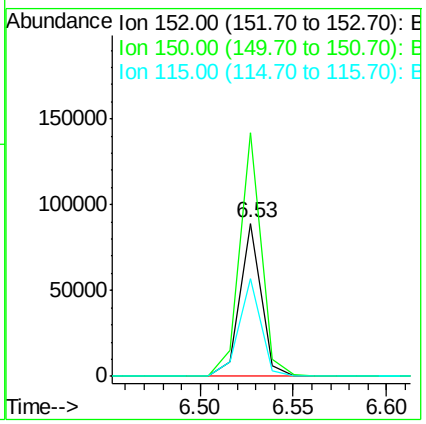


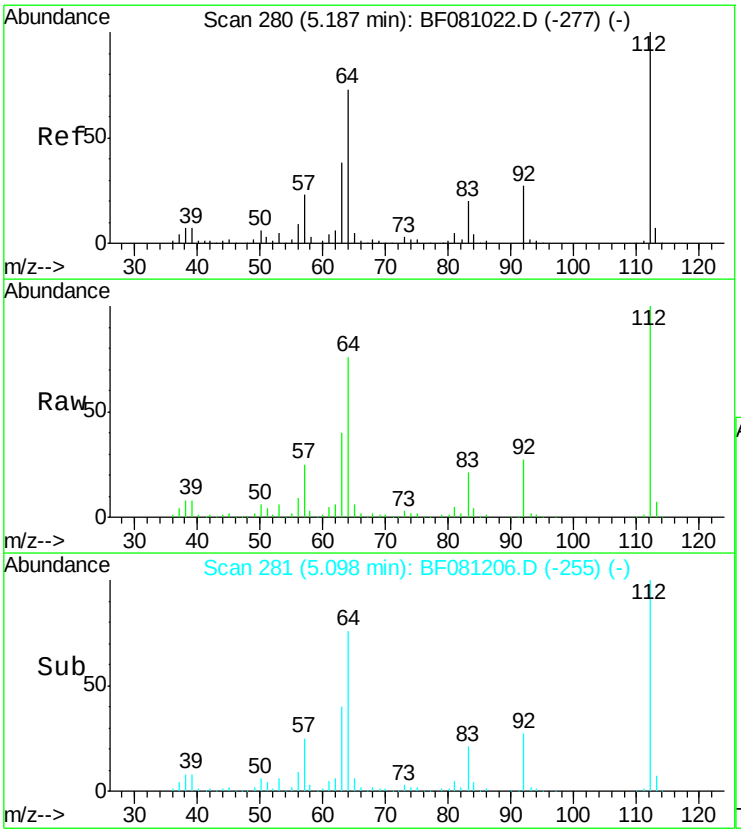
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :
P003-BF004-01

Tgt Ion:152 Resp: 71734

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	63.9	52.1	78.1

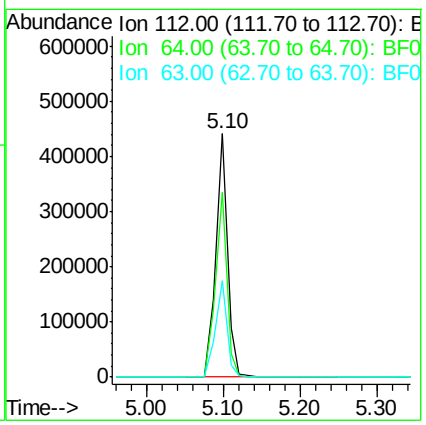


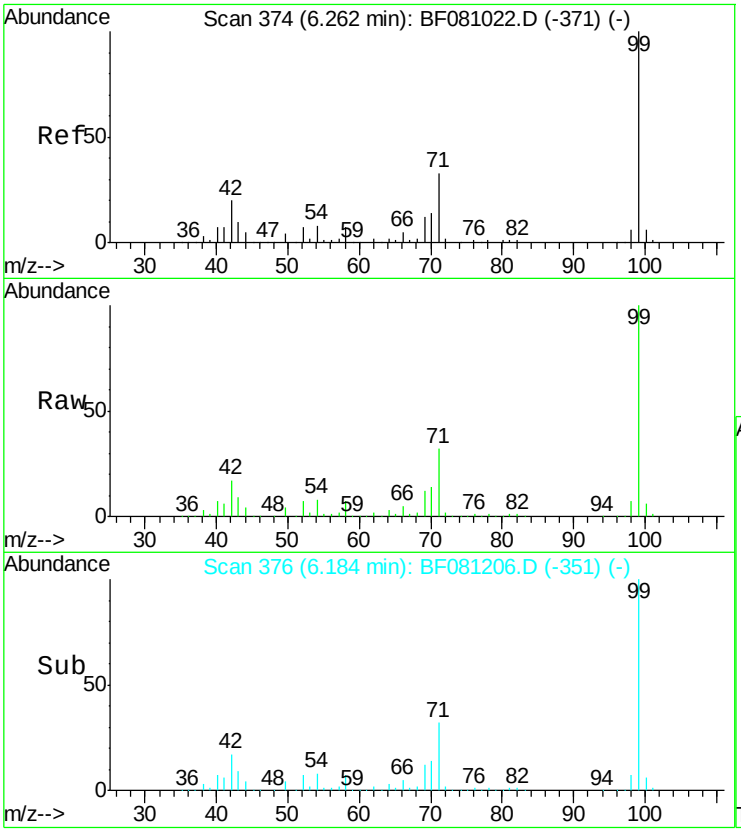


#5
2-Fluorophenol
Concen: 98.37 ng
RT: 5.10 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:112 Resp: 469141

Ion	Ratio	Lower	Upper
112	100		
64	75.7	66.9	100.3
63	39.7	38.1	57.1



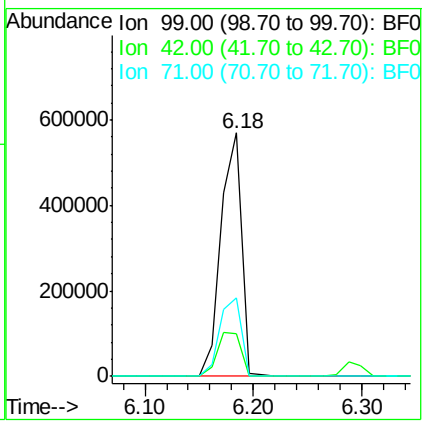


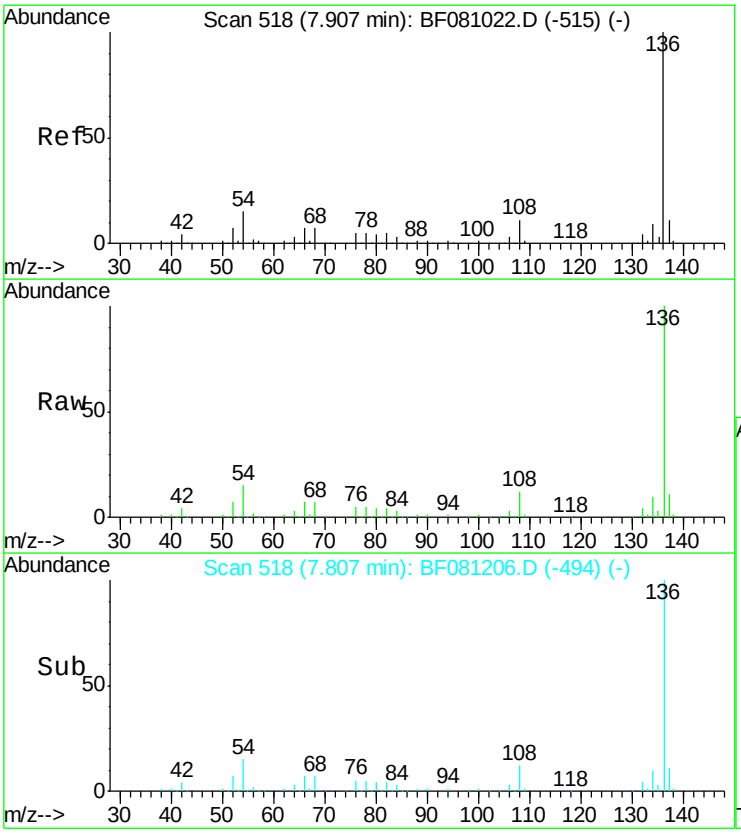
#7
Phenol-d6
Concen: 119.99 ng
RT: 6.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :
P003-BF004-01

Tgt Ion: 99 Resp: 746673

Ion	Ratio	Lower	Upper
99	100		
42	17.4	19.6	29.4#
71	32.2	31.2	46.8

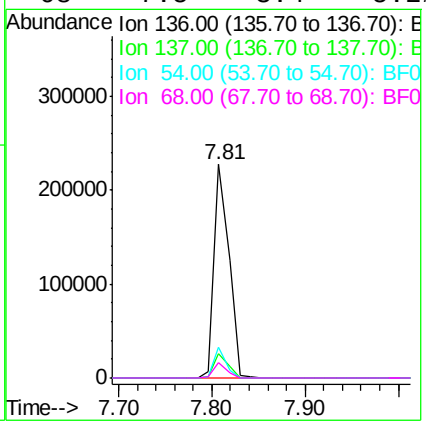


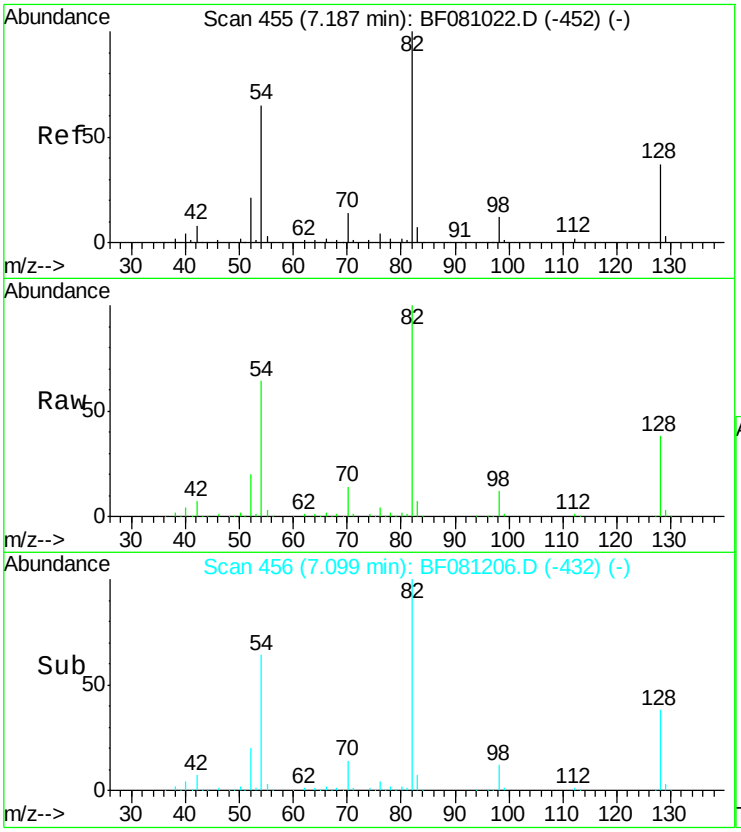


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:136 Resp: 252233

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	14.6	7.7	11.5#
68	7.5	3.4	5.2#



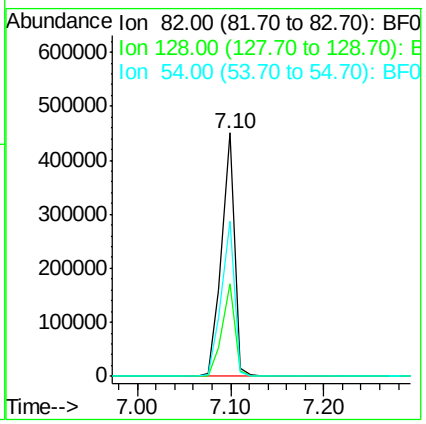


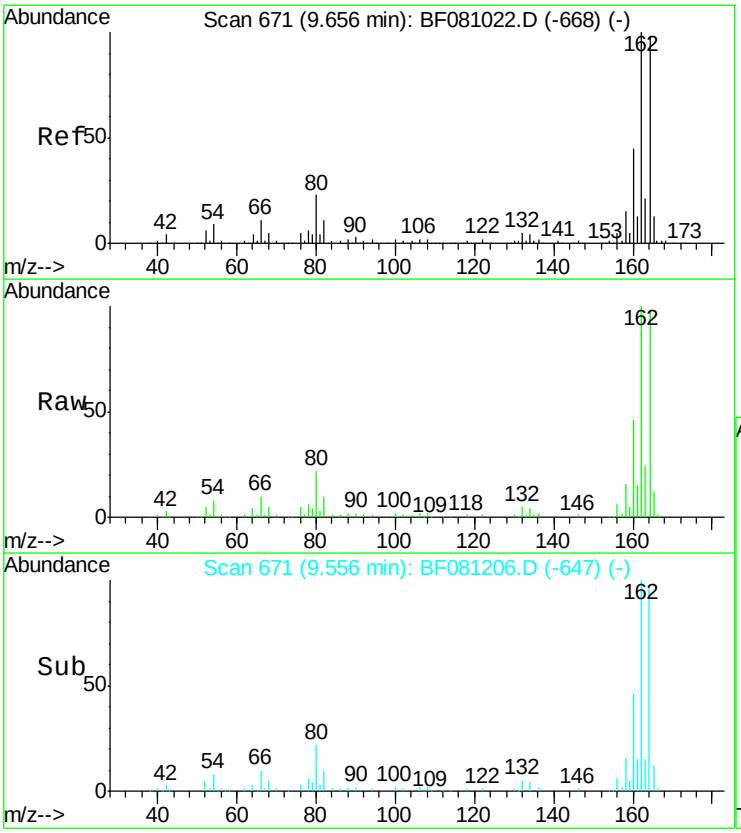
#23
Nitrobenzene-d5
Concen: 78.97 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :
P003-BF004-01

Tgt Ion: 82 Resp: 436024

Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.6	42.8
54	63.6	55.1	82.7

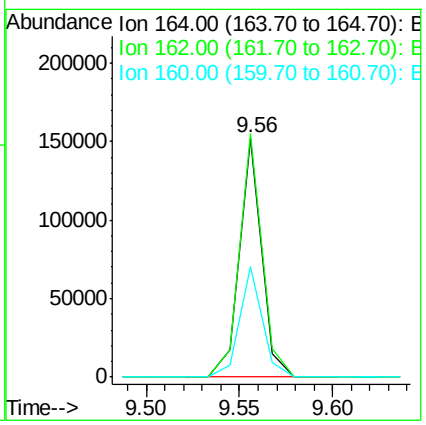


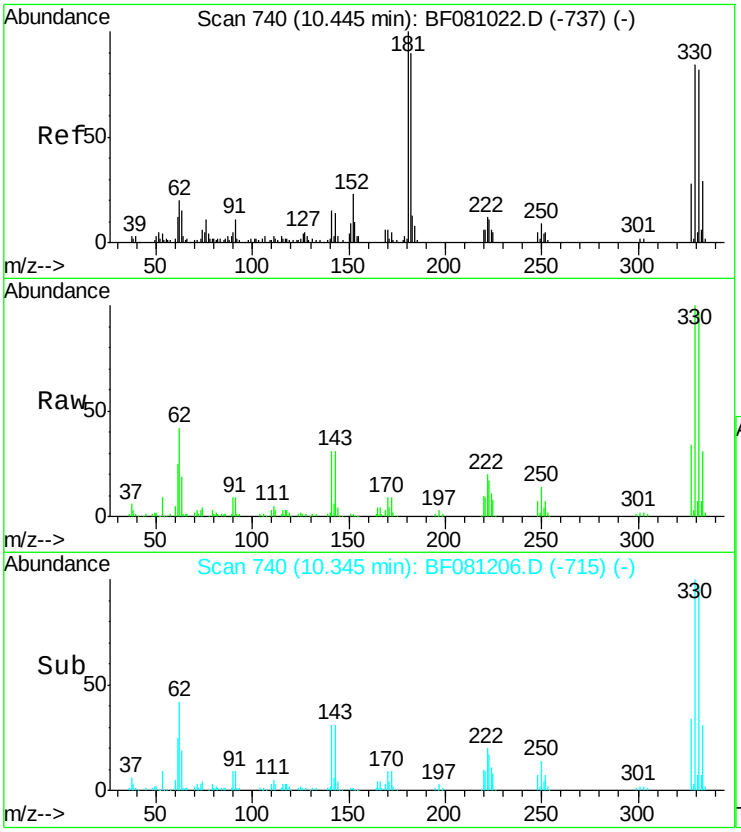


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:164 Resp: 126490

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.8	125.8
160	46.5	39.8	59.8



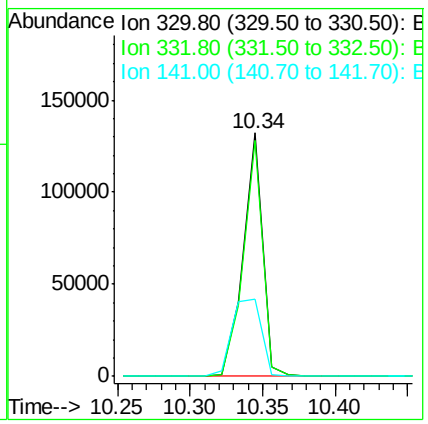


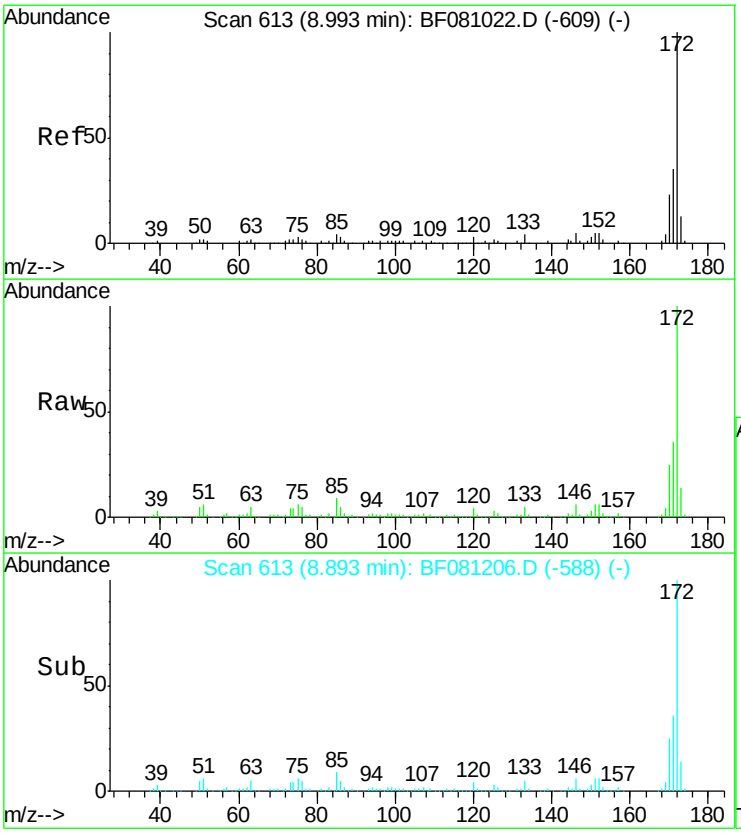
#41
2,4,6-Tribromophenol
Concen: 112.27 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :
P003-BF004-01

Tgt Ion:330 Resp: 123102

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	47.9	44.9	67.3

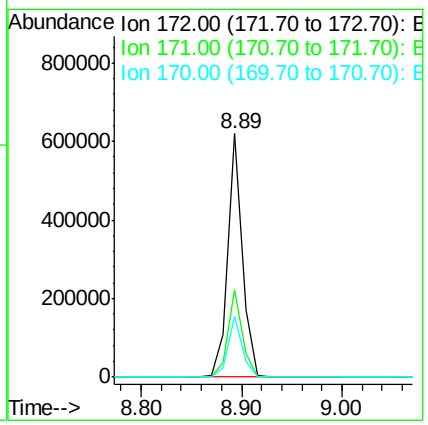


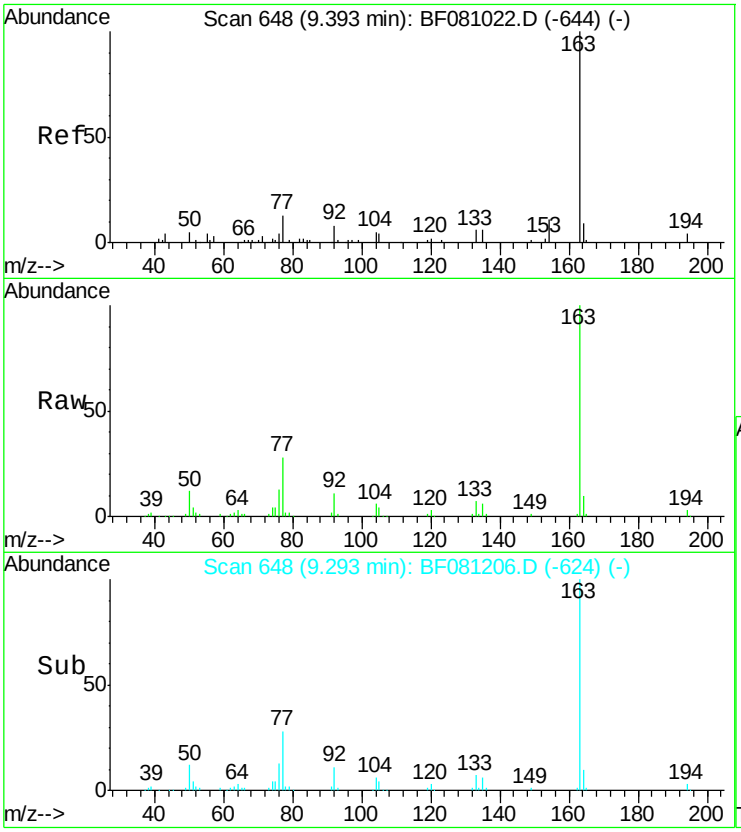


#44
2-Fluorobiphenyl
Concen: 64.53 ng
RT: 8.89 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:172 Resp: 622929

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.7	19.4	29.2



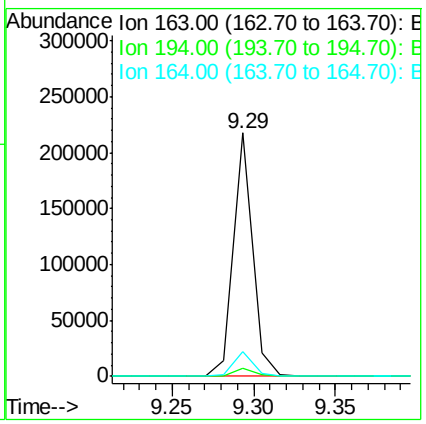


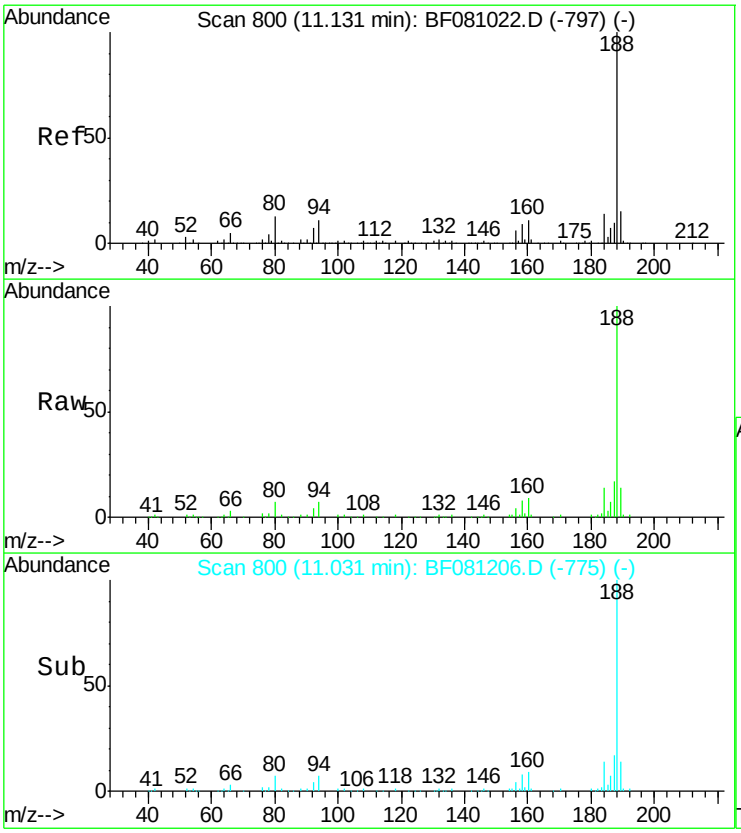
#49
Dimethylphthalate
Concen: 16.73 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :
P003-BF004-01

Tgt Ion:163 Resp: 174301

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.5	3.7
164	10.1	8.1	12.1

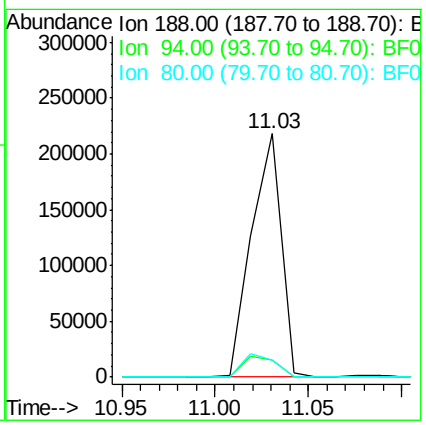


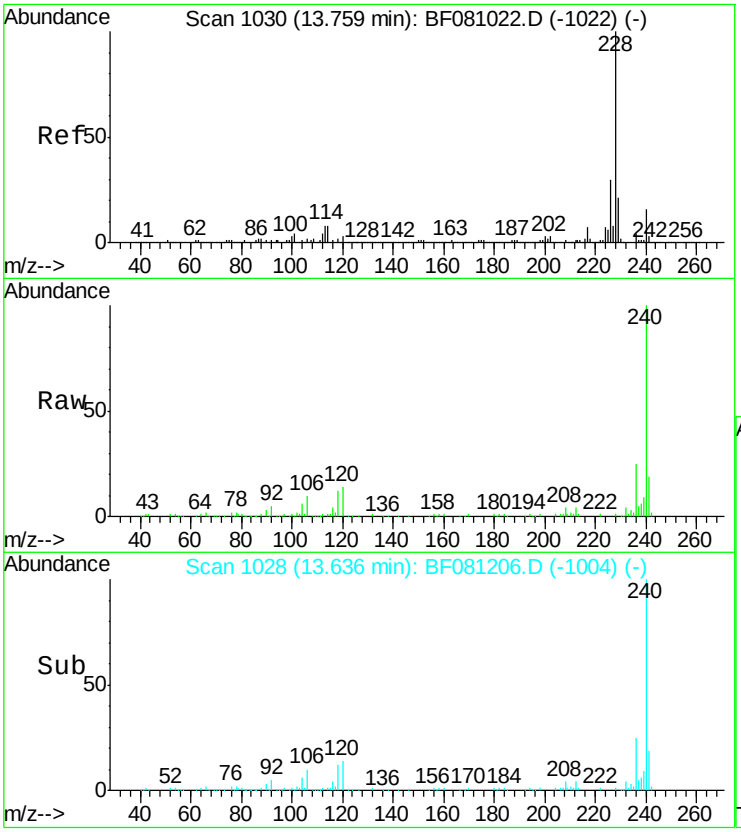


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:188 Resp: 241256

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.2	12.2#
80	7.1	9.5	14.3#



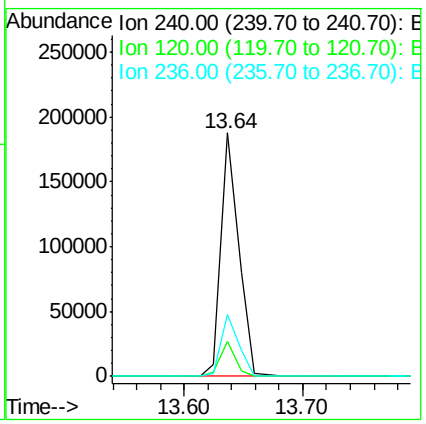


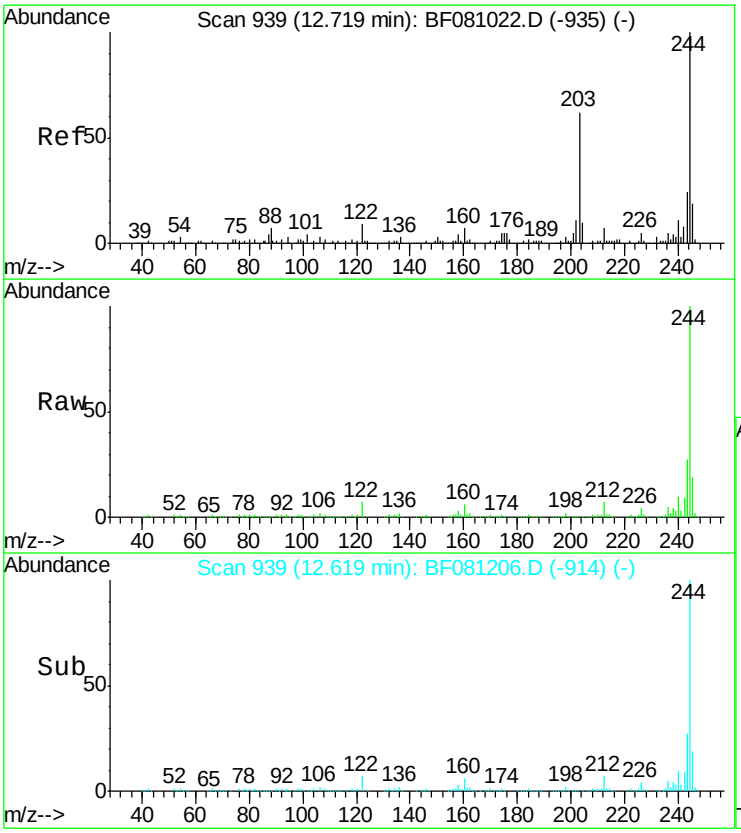
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.64 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :
P003-BF004-01

Tgt Ion:240 Resp: 194099

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.6	8.4#
236	25.5	20.6	30.8

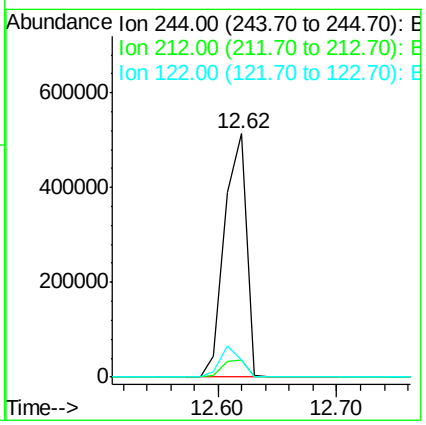


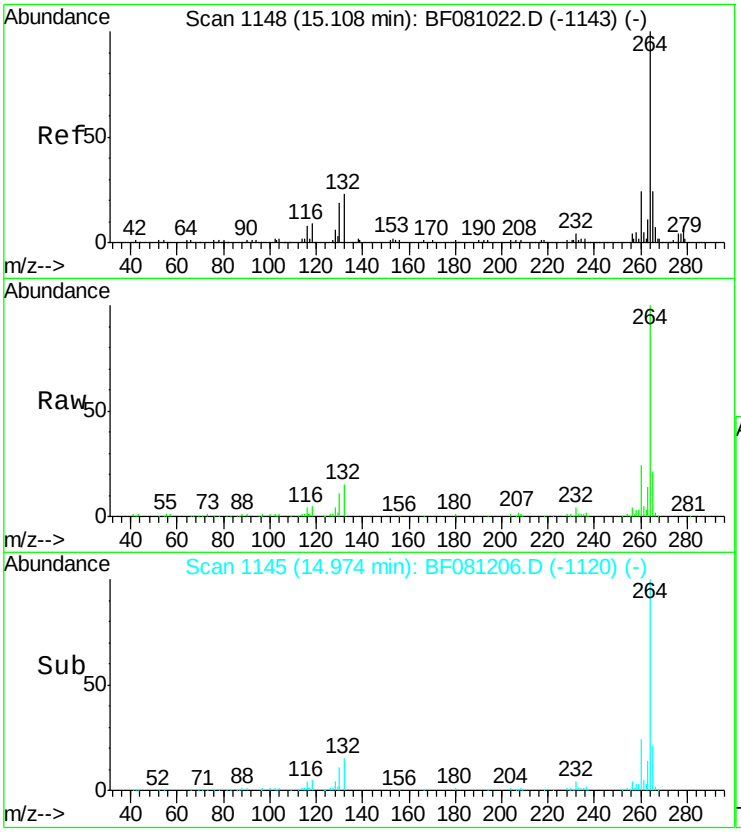


#78
Terphenyl-d14
Concen: 72.35 ng
RT: 12.62 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:244 Resp: 655022

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	6.8	8.2	12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :
P003-BF004-01

Tgt Ion:264 Resp: 145617

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.5	26.3