Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081096.D
Acq On : 19 Aug 2015 23:00
Operator : UM/IZ
Sample : G3310-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Time: Aug 20 01:44:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	68968	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	269136	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	120584	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	261409	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	243109	20.00	ng	-0.04
86) Perylene-d12	15.04	264	180050	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	525569	114.62	ng	0.00
7) Phenol-d6	6.24	99	671600	112.26	ng	-0.02
23) Nitrobenzene-d5	7.16	82	440214	74.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	128422	122.86	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	711913	77.36	ng	-0.04
78) Terphenyl-d14	12.68	244	721930	63.66	ng	-0.03
Target Compounds						Qvalue

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

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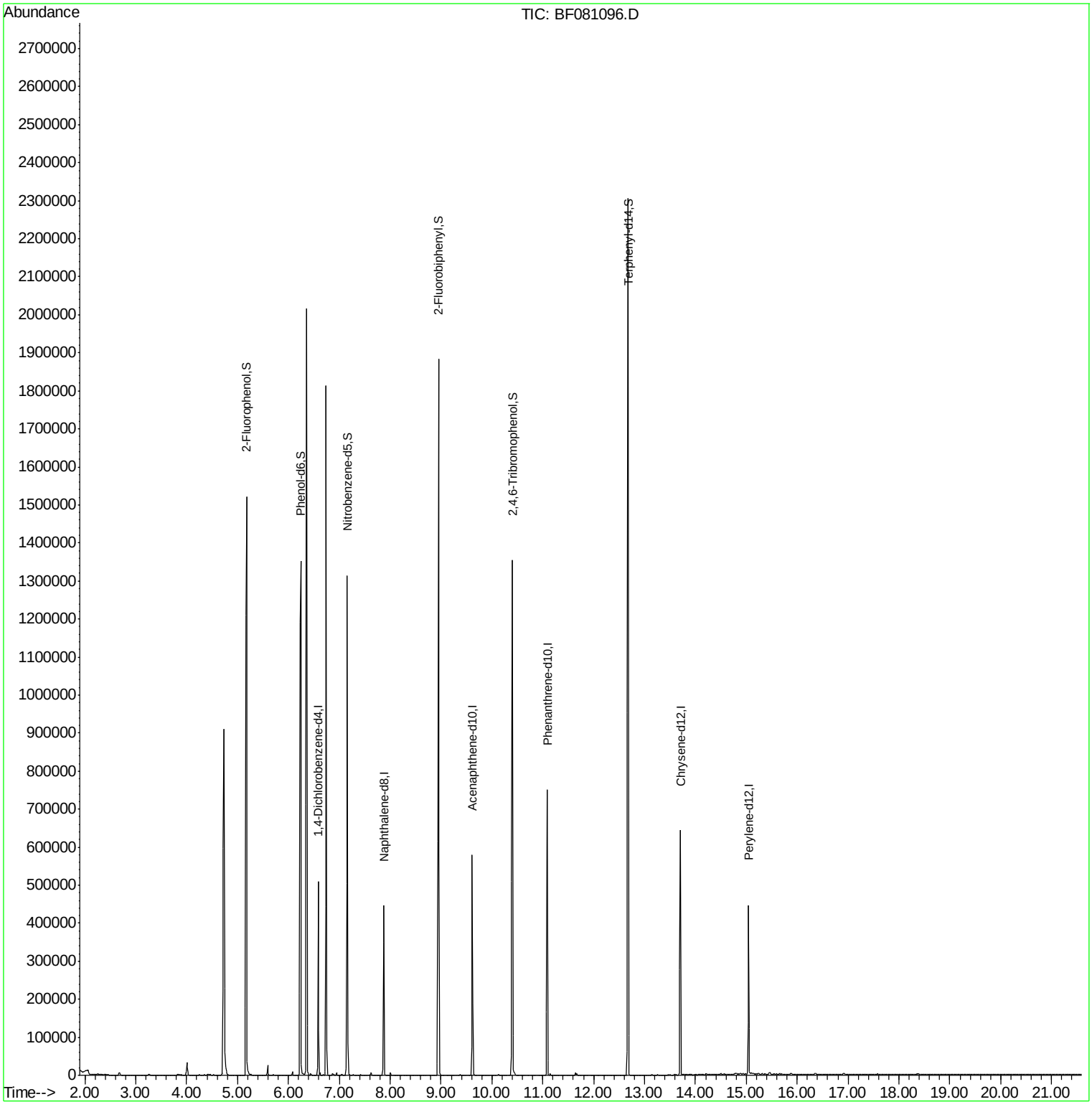
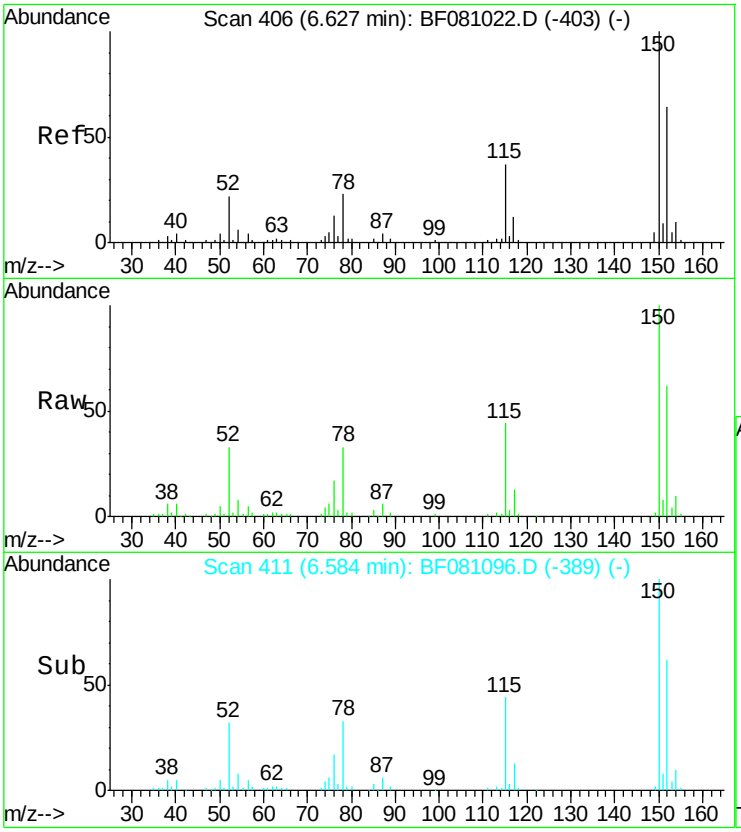


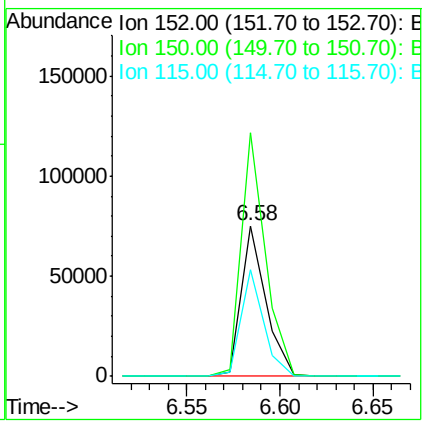


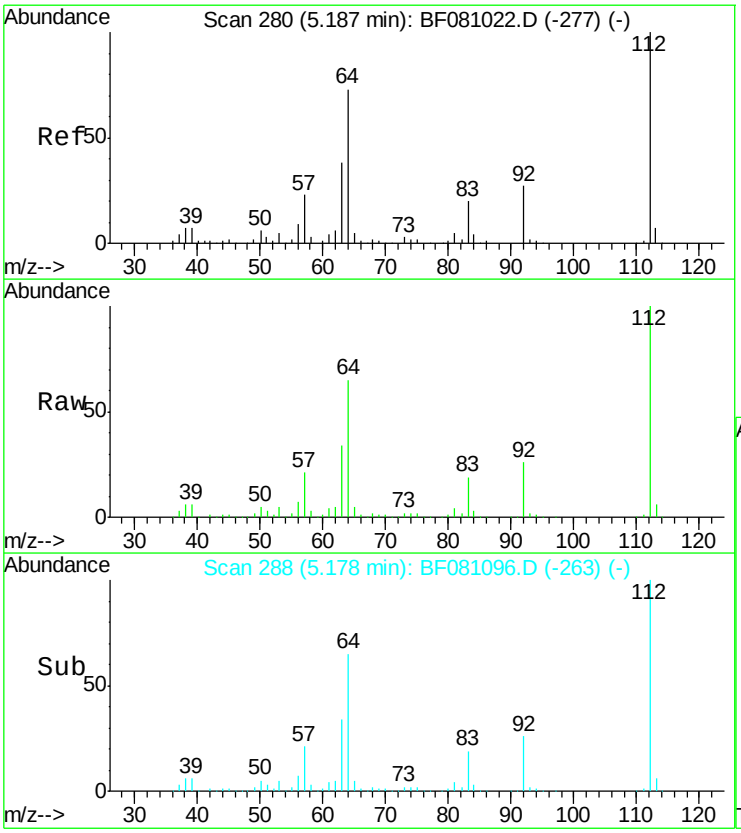
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Tgt Ion:152 Resp: 68968

Ion	Ratio	Lower	Upper
152	100		
150	161.8	123.8	185.6
115	70.6	52.1	78.1

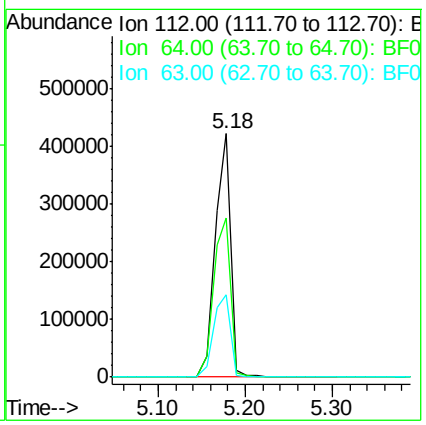


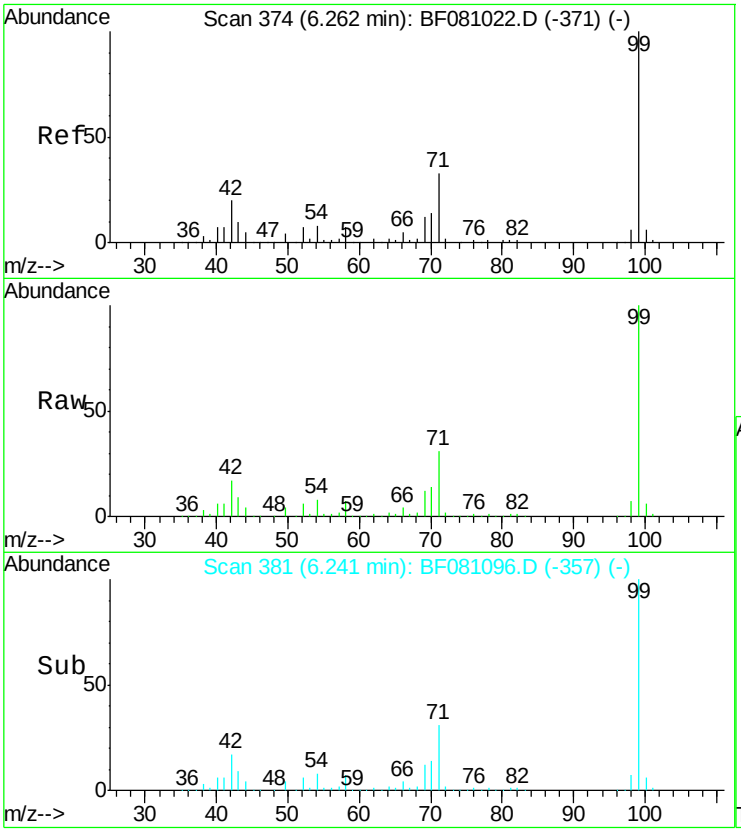


#5
2-Fluorophenol
Concen: 114.62 ng
RT: 5.18 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion:112 Resp: 525569

Ion	Ratio	Lower	Upper
112	100		
64	65.2	66.9	100.3#
63	33.8	38.1	57.1#



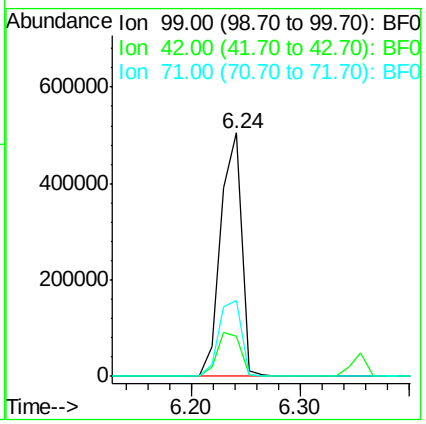


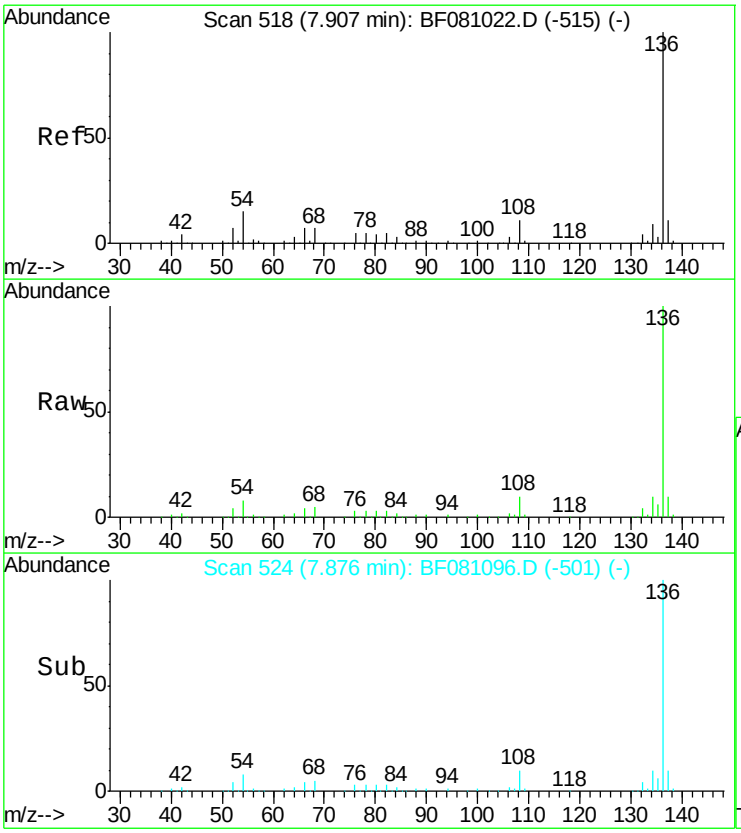
#7
Phenol-d6
Concen: 112.26 ng
RT: 6.24 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Tgt Ion: 99 Resp: 671600

Ion	Ratio	Lower	Upper
99	100		
42	16.7	19.6	29.4#
71	31.1	31.2	46.8#

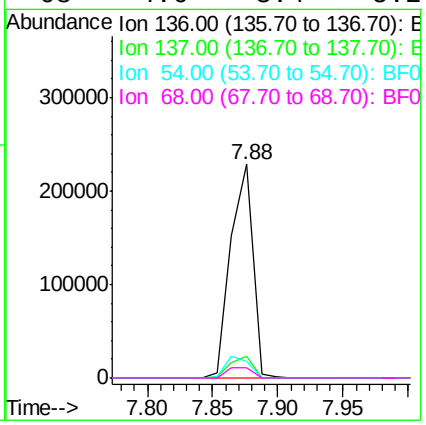


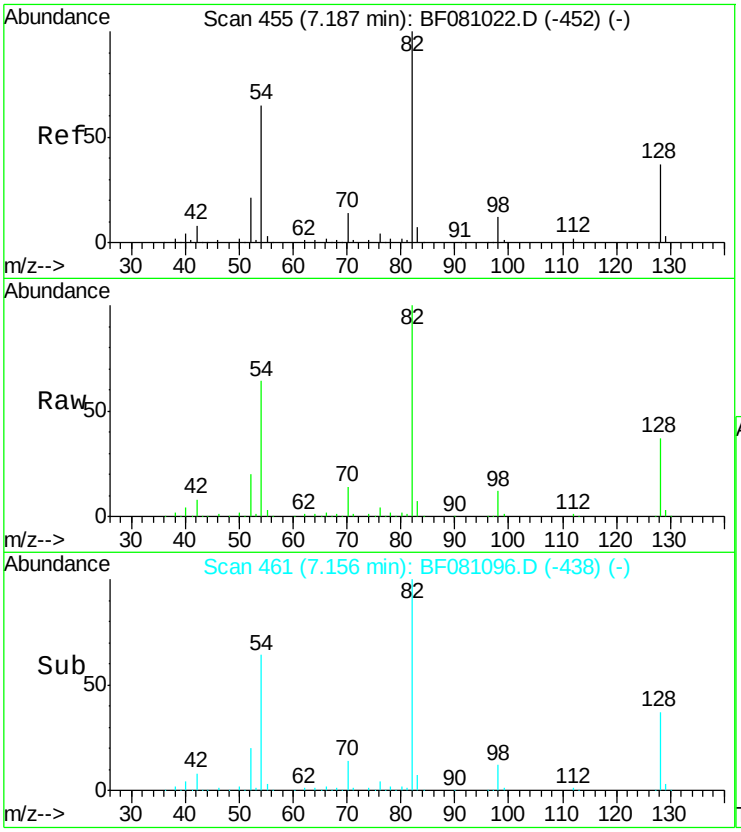


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion:136 Resp: 269136

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	8.1	7.7	11.5
68	4.6	3.4	5.2



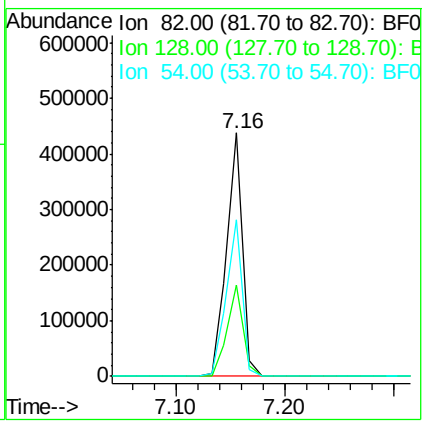


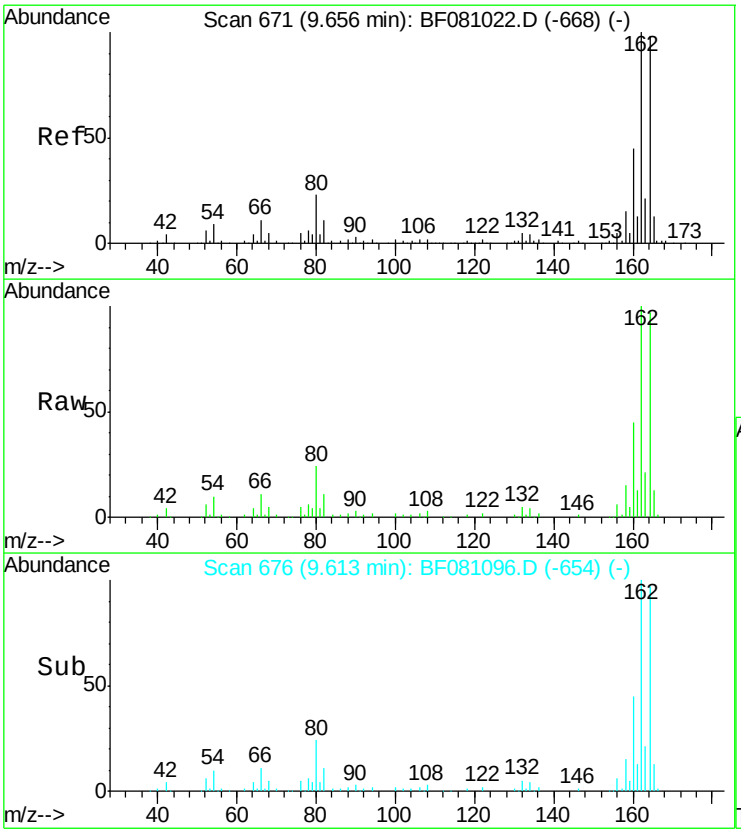
#23
Nitrobenzene-d5
Concen: 74.72 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Tgt Ion: 82 Resp: 440214

Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.6	42.8
54	64.2	55.1	82.7

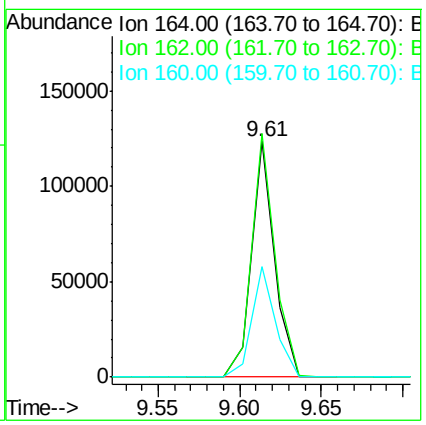


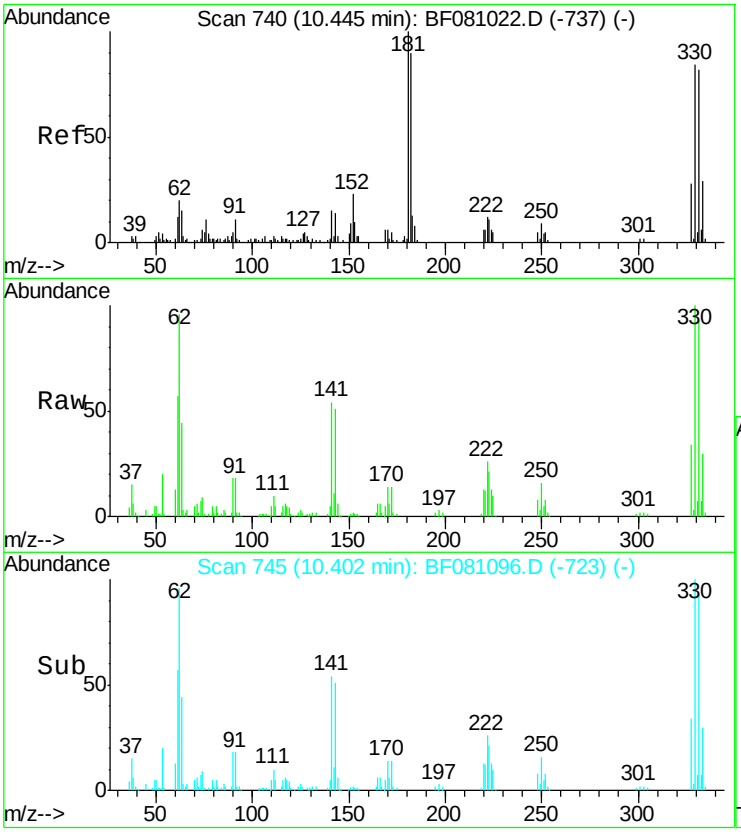


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion:164 Resp: 120584

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.8	125.8
160	46.9	39.8	59.8



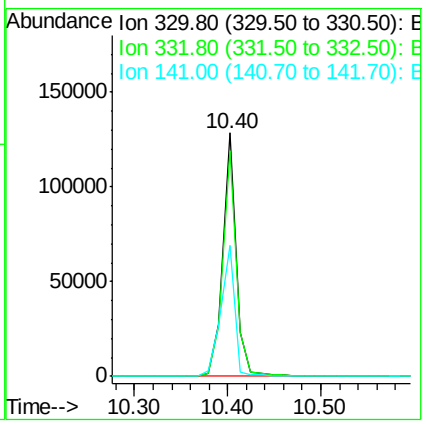


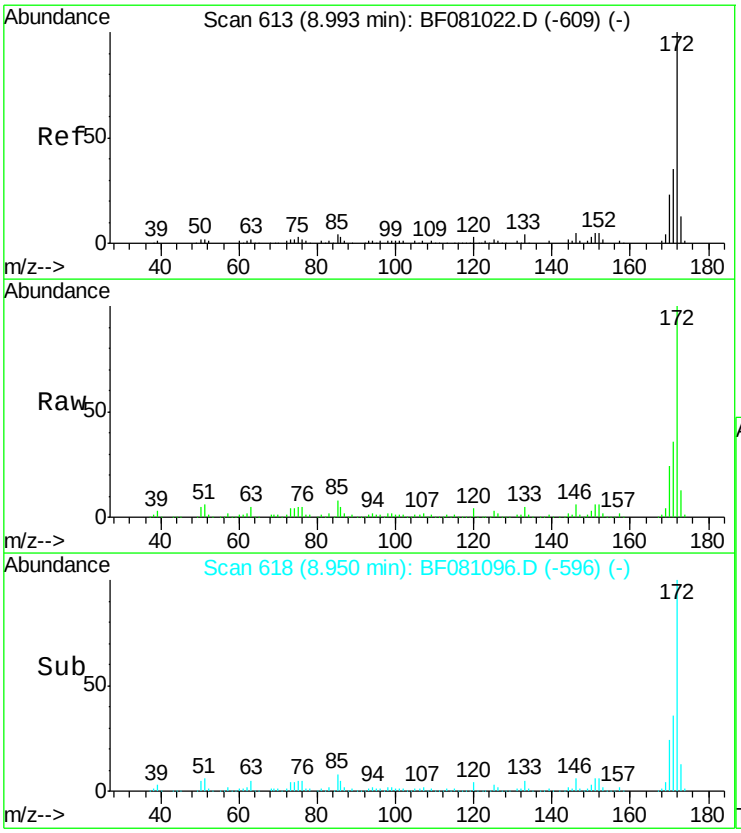
#41
2,4,6-Tribromophenol
Concen: 122.86 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Tgt Ion:330 Resp: 128422

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.3	115.9
141	55.1	44.9	67.3

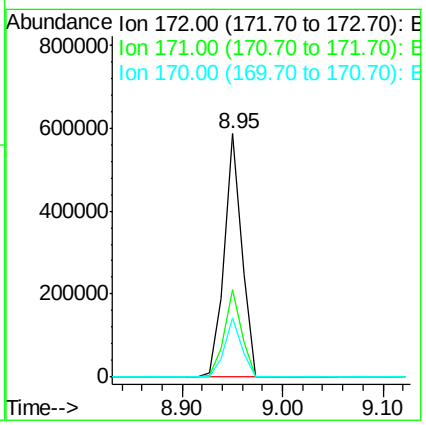


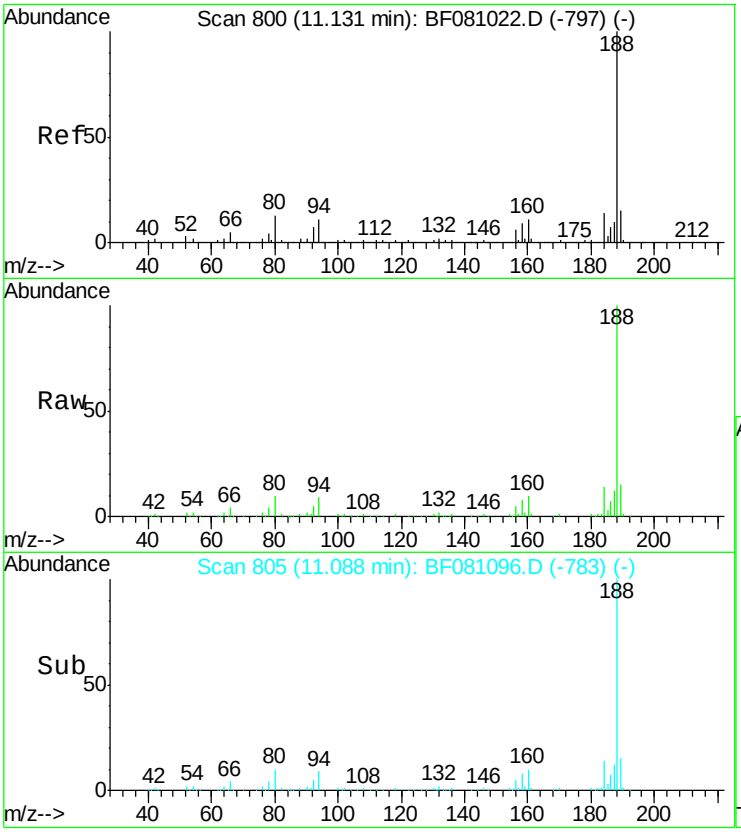


#44
2-Fluorobiphenyl
Concen: 77.36 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.04 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion:172 Resp: 711913

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.4	19.4	29.2



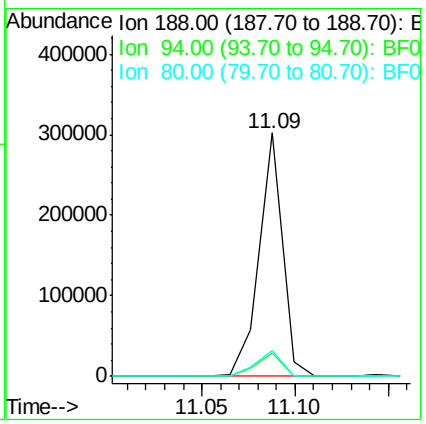


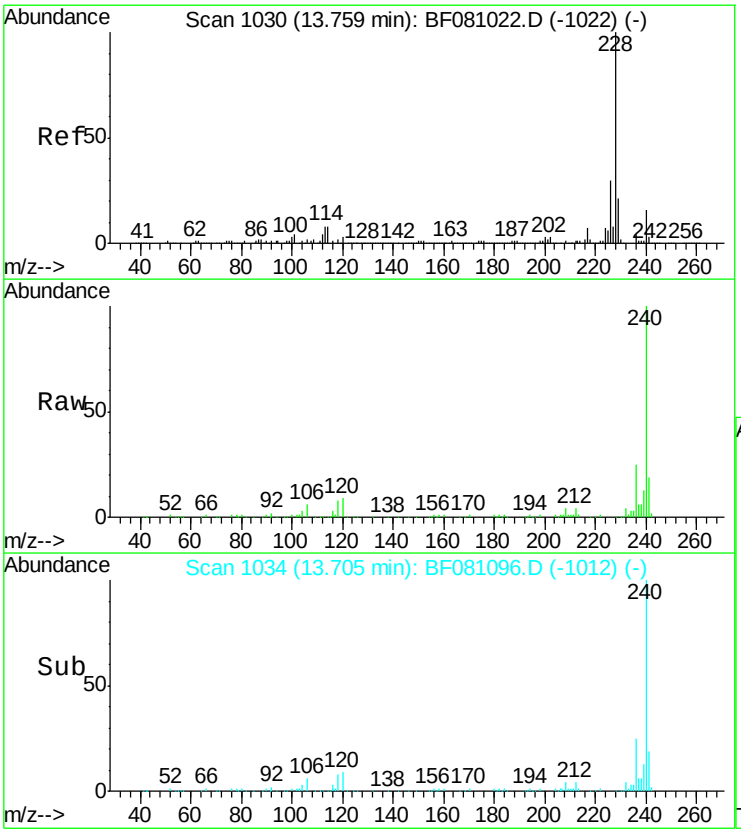
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Tgt Ion:188 Resp: 261409

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	10.4	9.5	14.3

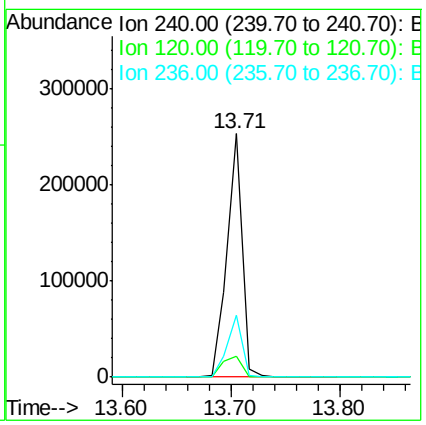


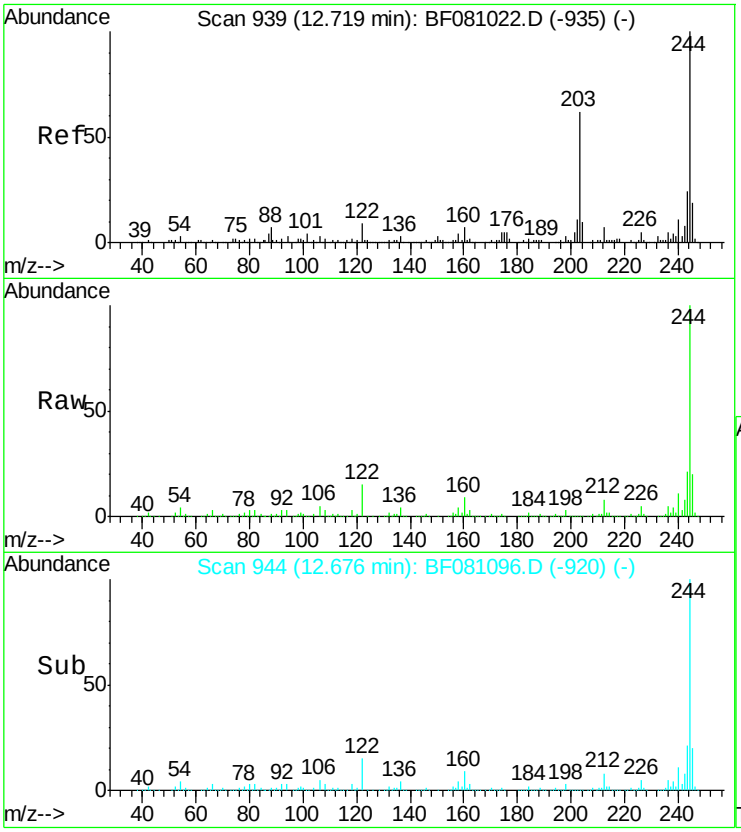


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion:240 Resp: 243109

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.6	8.4#
236	25.5	20.6	30.8



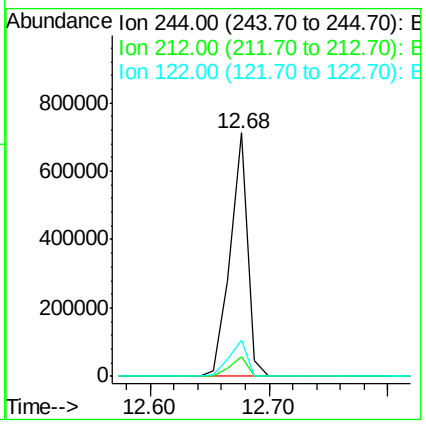


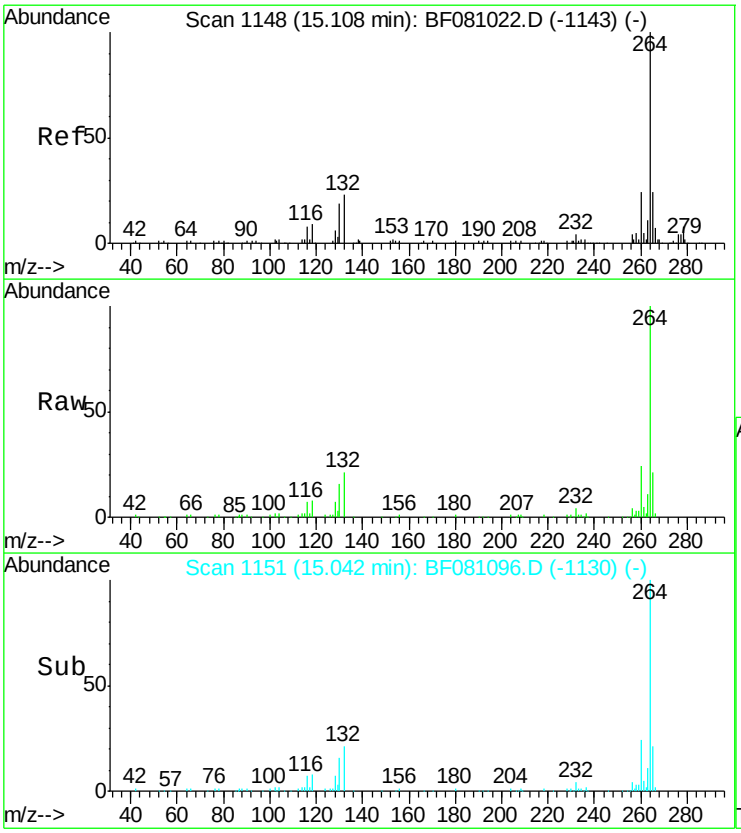
#78
Terphenyl-d14
Concen: 63.66 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Tgt Ion:244 Resp: 721930

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	14.9	8.2	12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081096.D
Acq: 19 Aug 2015 23:00

Tgt Ion:264 Resp: 180050

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.0	17.5	26.3