Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
Data File : BF081116.D
Acq On : 20 Aug 2015 9:18
Operator : UM/IZ
Sample : G3325-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Time: Aug 20 11:34:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	63480	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	249529	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	110133	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	243516	20.00	ng		0.00
75) Chrysene-d12	13.71	240	175507	20.00	ng		0.00
86) Perylene-d12	15.04	264	126445	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	425674	100.86	ng		0.01
7) Phenol-d6	6.23	99	547479	99.42	ng		0.00
23) Nitrobenzene-d5	7.16	82	403454	73.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	98527	103.20	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	491566	58.48	ng		-0.01
78) Terphenyl-d14	12.68	244	398574	48.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	11964	3.37	ng		91
19) n-Nitroso-di-n-propylamine	7.16	70	53633	14.06	ng	#	70
49) Dimethylphthalate	9.35	163	97617	10.76	ng		100
56) 2,4-Dinitrotoluene	9.61	165	14957	5.79	ng	#	19
66) 4-Bromophenyl-phenylether	10.40	248	8031	3.36	ng	#	1
70) Phenanthrene	11.11	178	35757	2.48	ng		99
74) Fluoranthene	12.29	202	46092	2.96	ng		97
77) Pyrene	12.51	202	40699	2.85	ng		96
82) Chrysene	13.69	228	22646	2.13	ng		96
83) Bis(2-ethylhexyl)phthalate	13.72	149	16877	2.15	ng		98
87) Benzo(b)fluoranthene	14.69	252	21279	2.38	ng	#	88
88) Benzo(k)fluoranthene	14.69	252	21279	2.55	ng	#	91

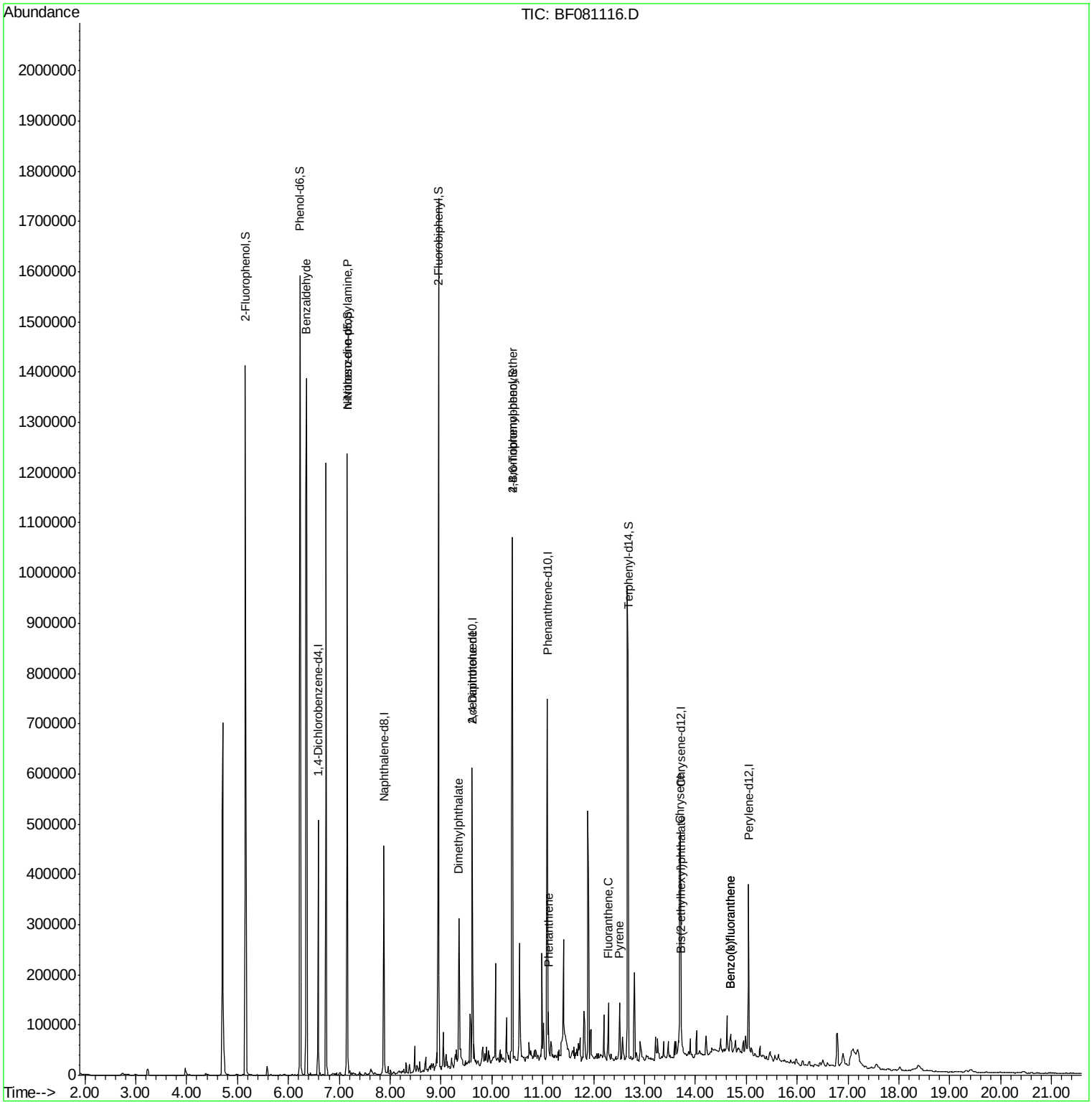
(#) = qualifier out of range (m) = manual integration (+) = signals summed

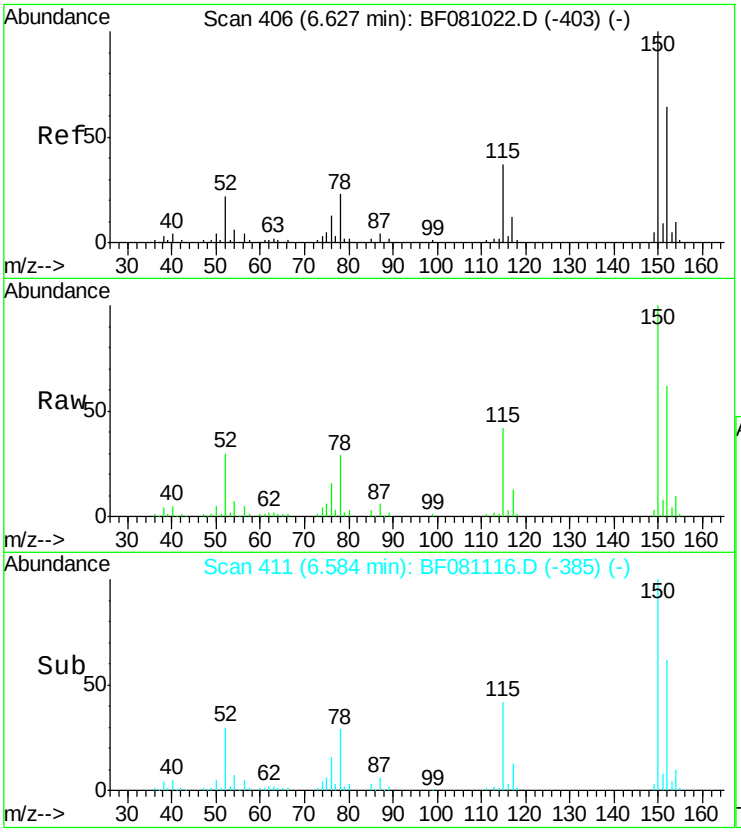
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
Data File : BF081116.D
Acq On : 20 Aug 2015 9:18
Operator : UM/IZ
Sample : G3325-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Time: Aug 20 11:34:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration



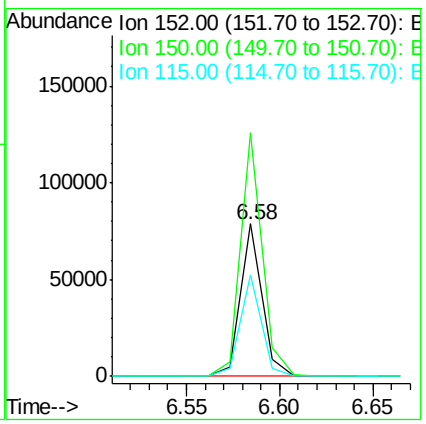


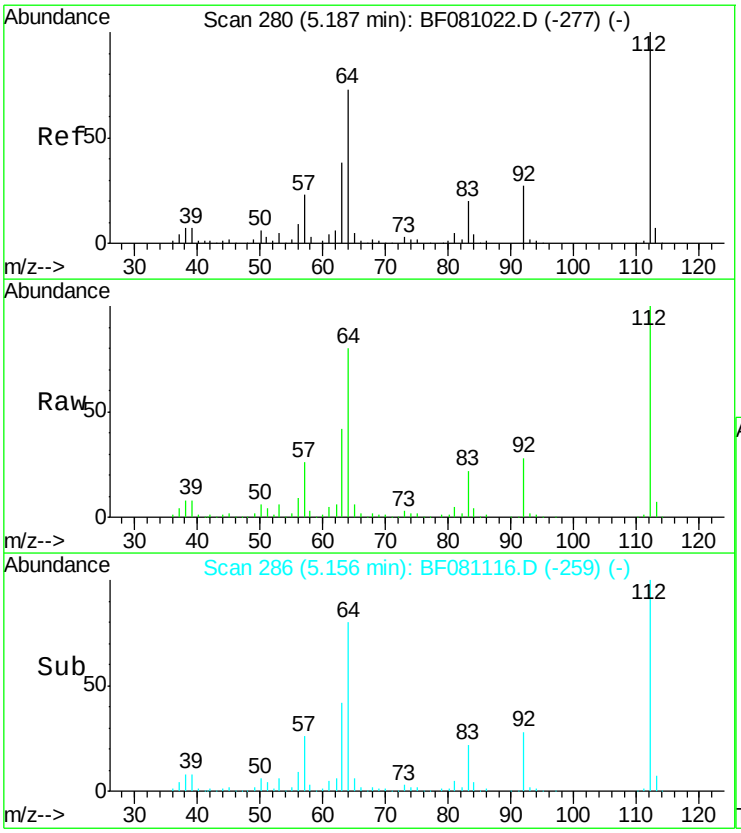
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 63480

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.8	185.6
115	67.1	52.1	78.1

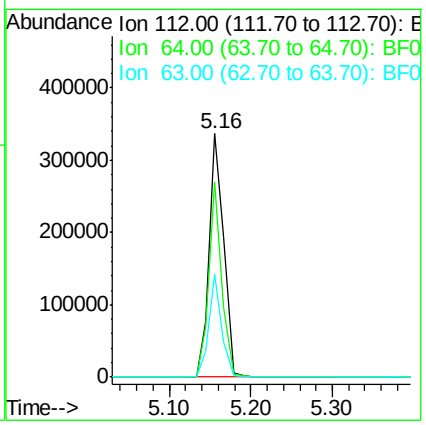


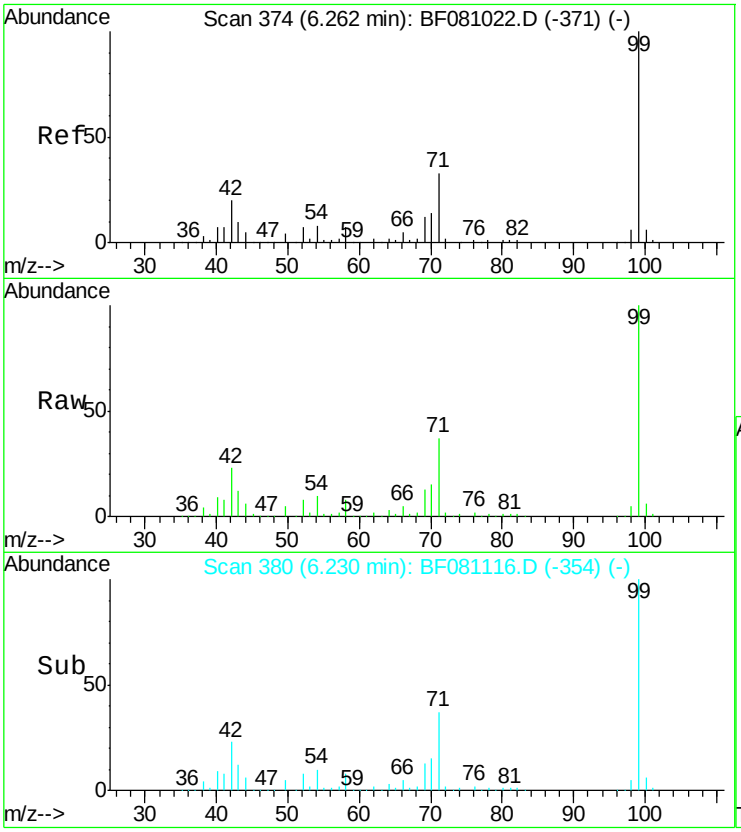


#5
2-Fluorophenol
Concen: 100.86 ng
RT: 5.16 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:112 Resp: 425674

Ion	Ratio	Lower	Upper
112	100		
64	79.9	66.9	100.3
63	42.0	38.1	57.1



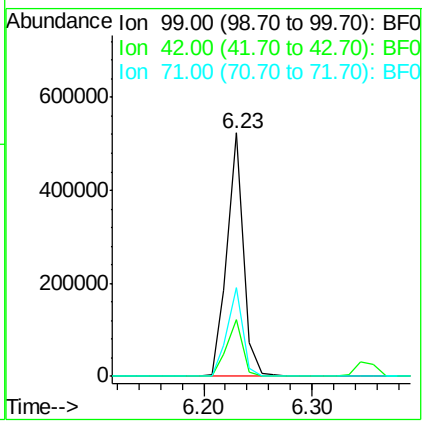


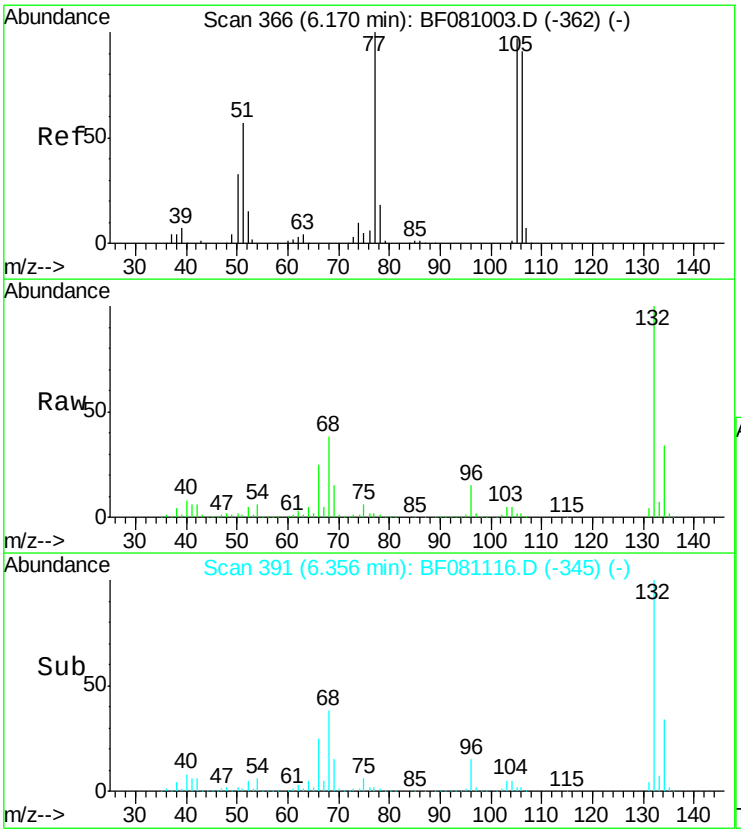
#7
Phenol-d6
Concen: 99.42 ng
RT: 6.23 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 547479

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.6	29.4
71	36.7	31.2	46.8

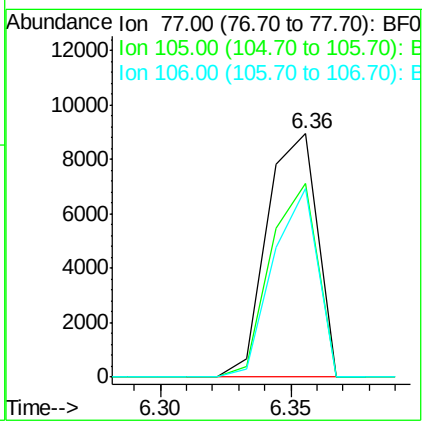


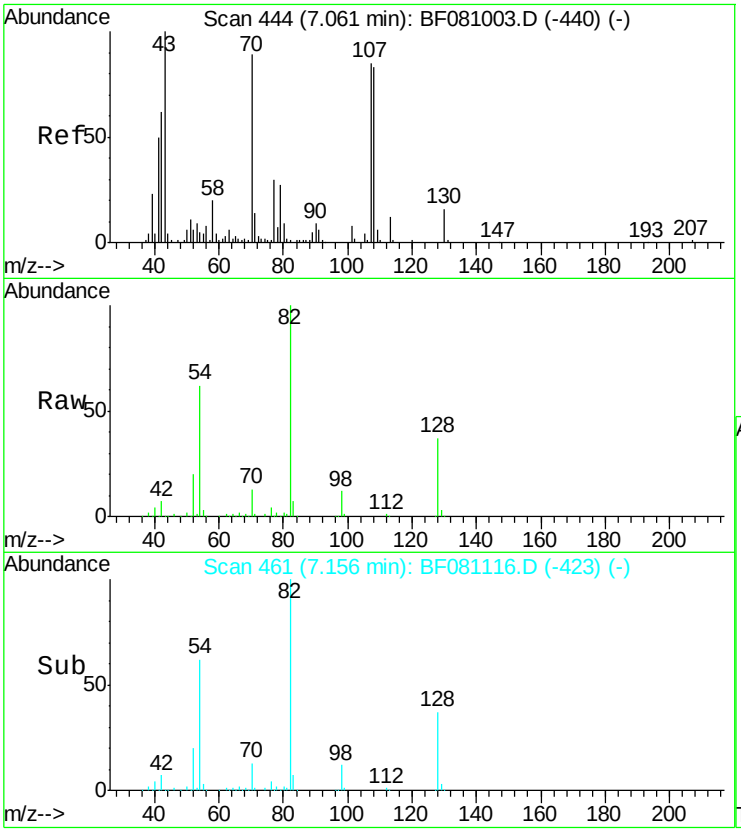


#9
Benzaldehyde
Concen: 3.37 ng
RT: 6.36 min Scan# 391
Delta R.T. 0.23 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion: 77 Resp: 11964

Ion	Ratio	Lower	Upper
77	100		
105	79.6	69.6	109.6
106	77.3	64.0	104.0



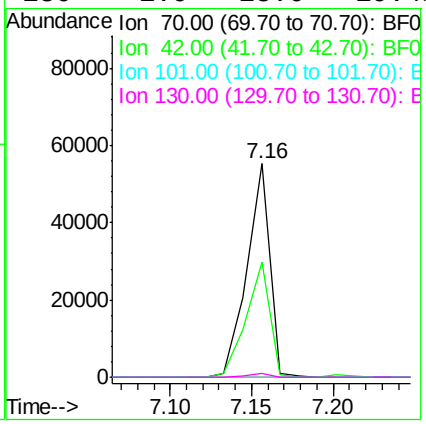


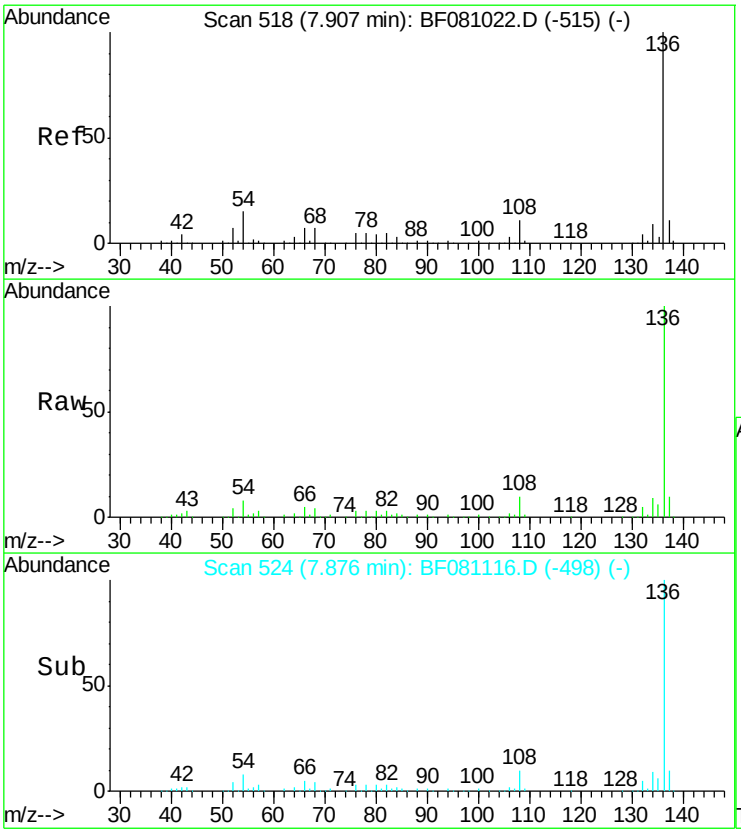
#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 70 Resp: 53633

Ion	Ratio	Lower	Upper
70	100		
42	54.2	65.0	97.4#
101	0.0	7.4	11.2#
130	1.9	13.0	19.4#

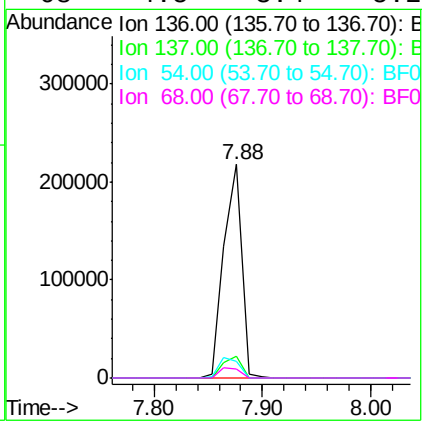


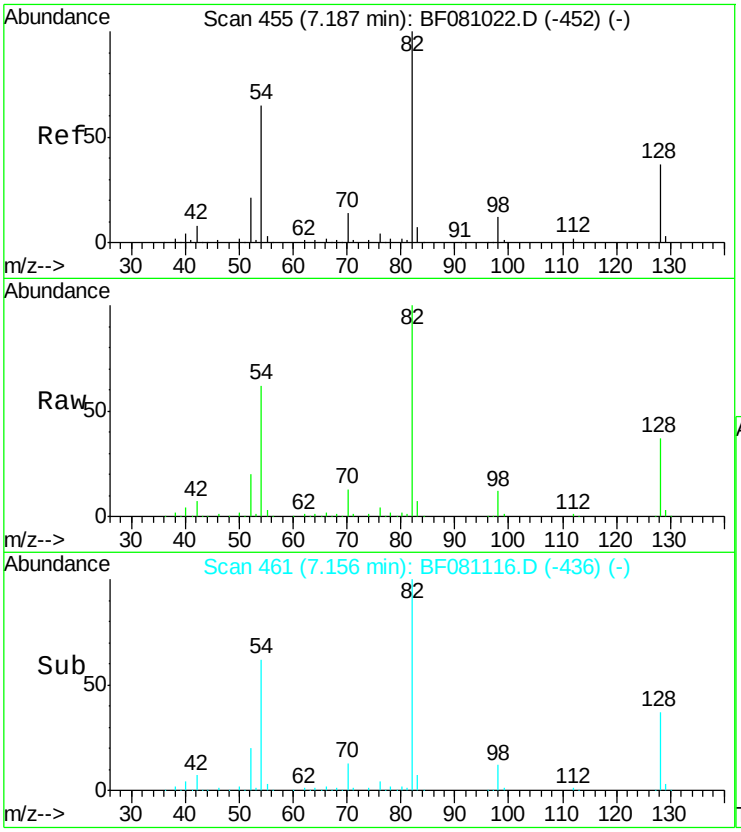


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:136 Resp: 249529

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.2	12.2
54	8.1	7.7	11.5
68	4.5	3.4	5.2



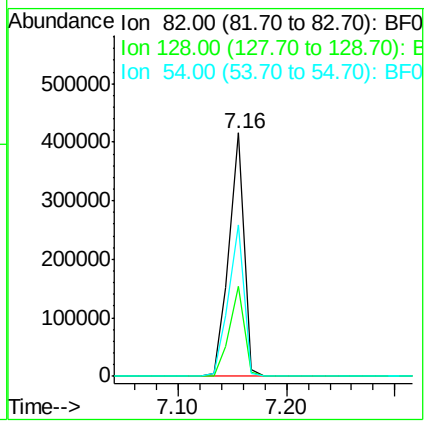


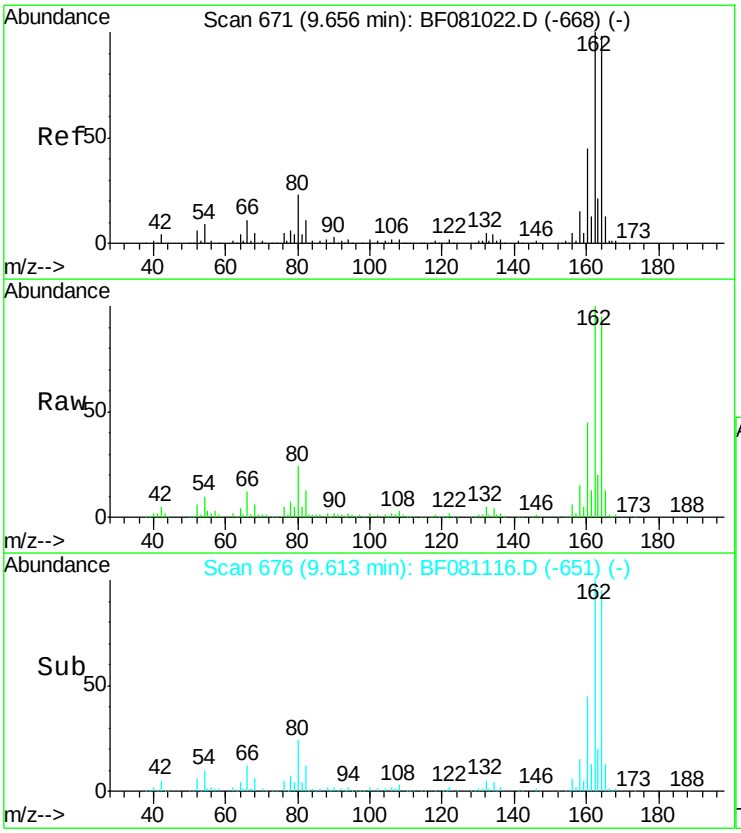
#23
Nitrobenzene-d5
Concen: 73.86 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 403454

Ion	Ratio	Lower	Upper
82	100		
128	37.2	28.6	42.8
54	62.3	55.1	82.7

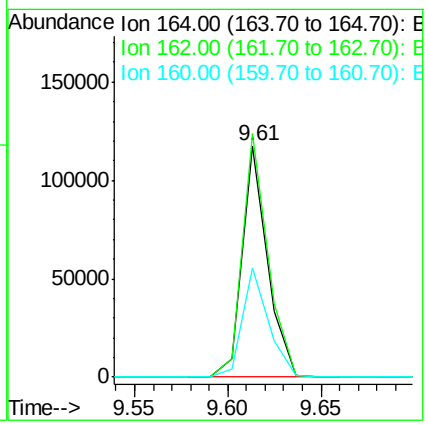


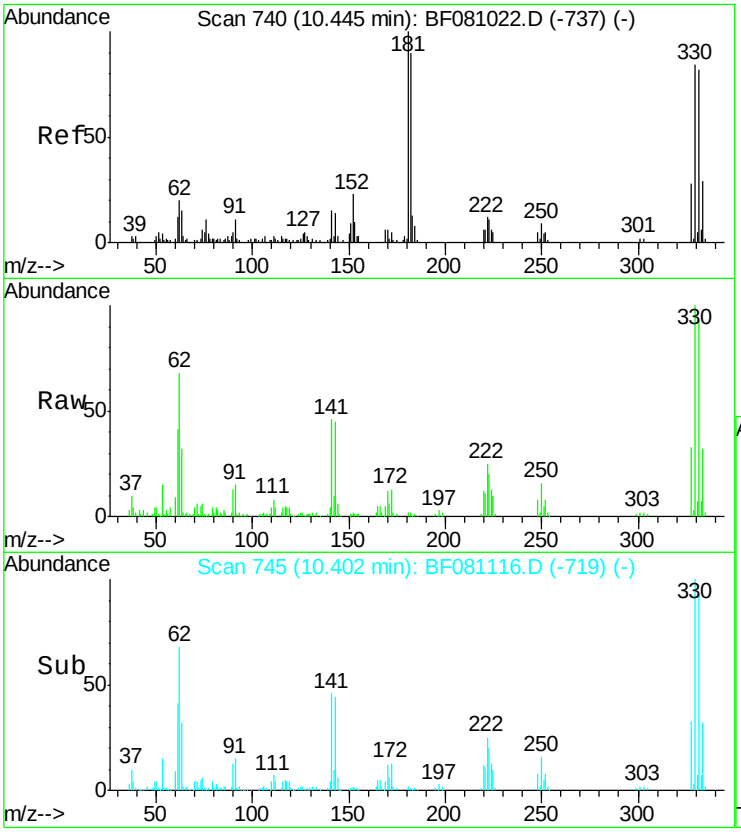


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:164 Resp: 110133

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.8	125.8
160	47.0	39.8	59.8



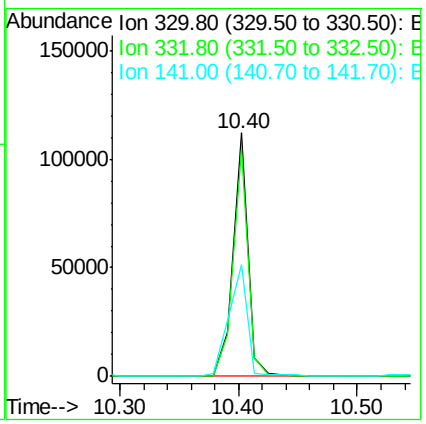


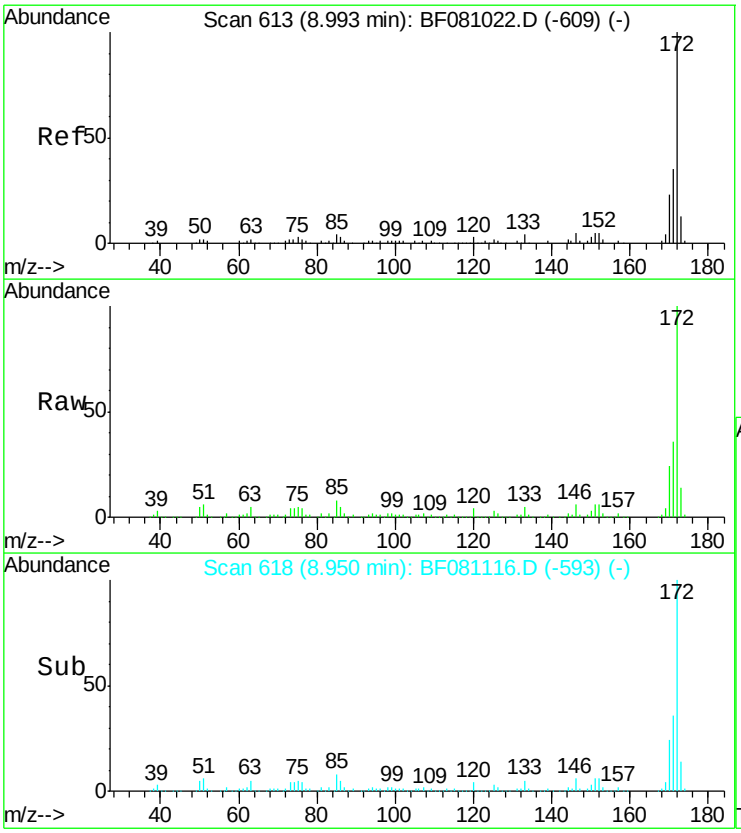
#41
2,4,6-Tribromophenol
Concen: 103.20 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:330 Resp: 98527

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.3	115.9
141	58.2	44.9	67.3

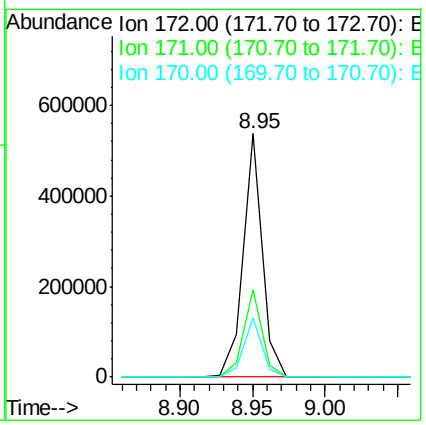


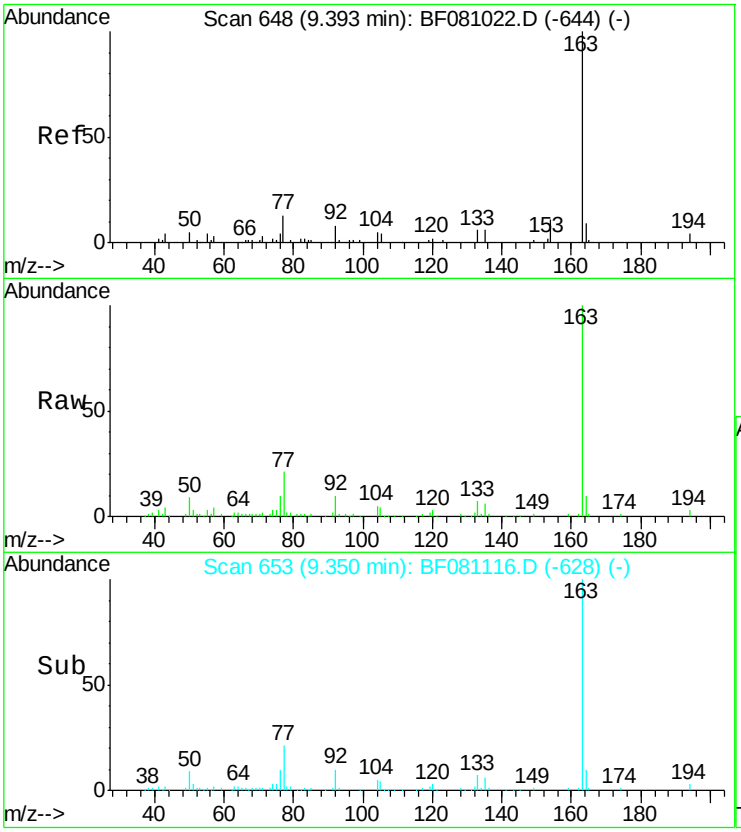


#44
2-Fluorobiphenyl
Concen: 58.48 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:172 Resp: 491566

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.4	19.4	29.2



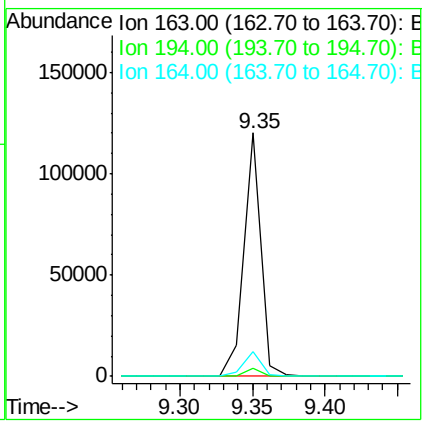


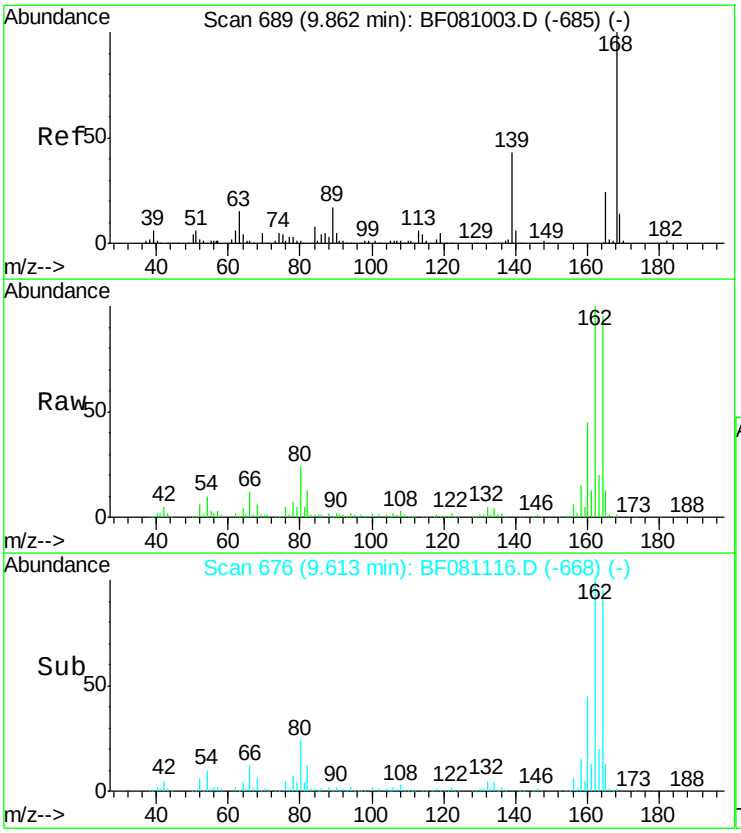
#49
Dimethylphthalate
Concen: 10.76 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:163 Resp: 97617

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.5	3.7
164	10.1	8.1	12.1

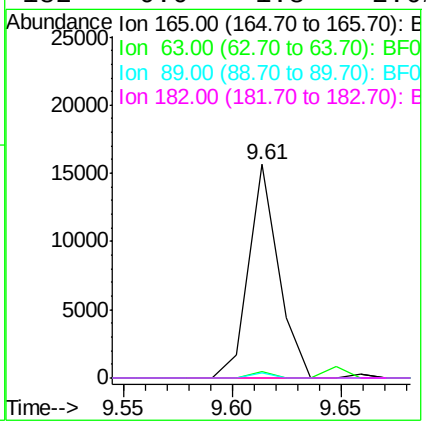


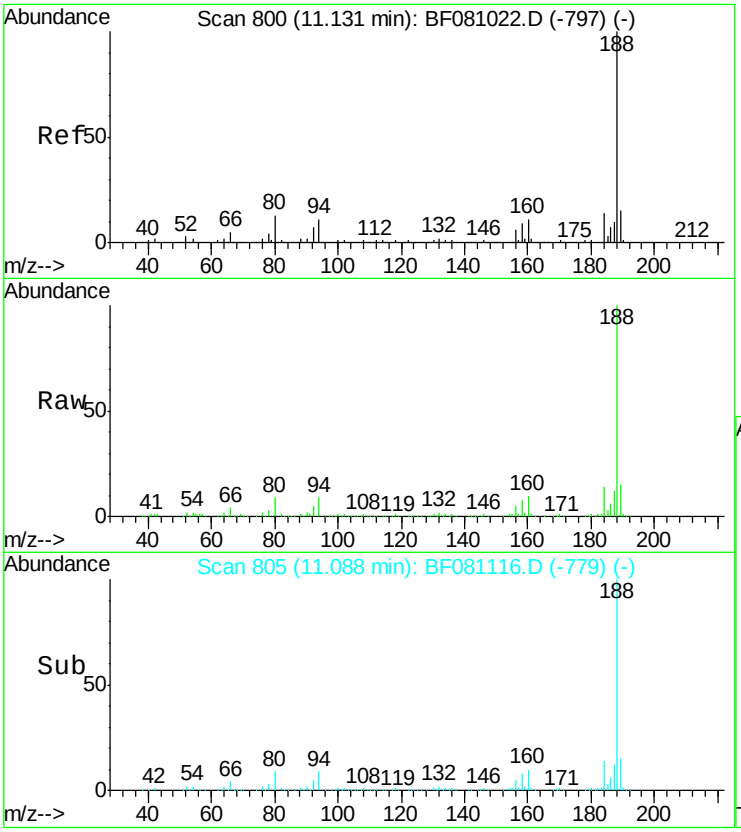


#56
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:165 Resp: 14957

Ion	Ratio	Lower	Upper
165	100		
63	3.0	52.2	78.4#
89	2.6	60.1	90.1#
182	0.0	1.8	2.6#



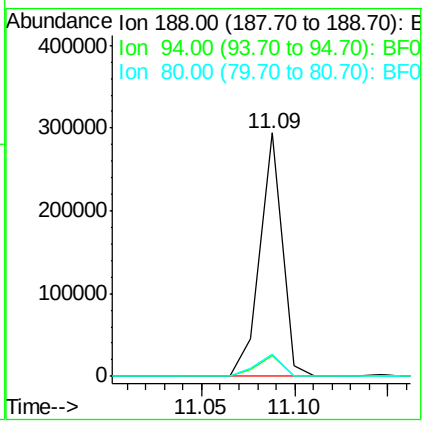


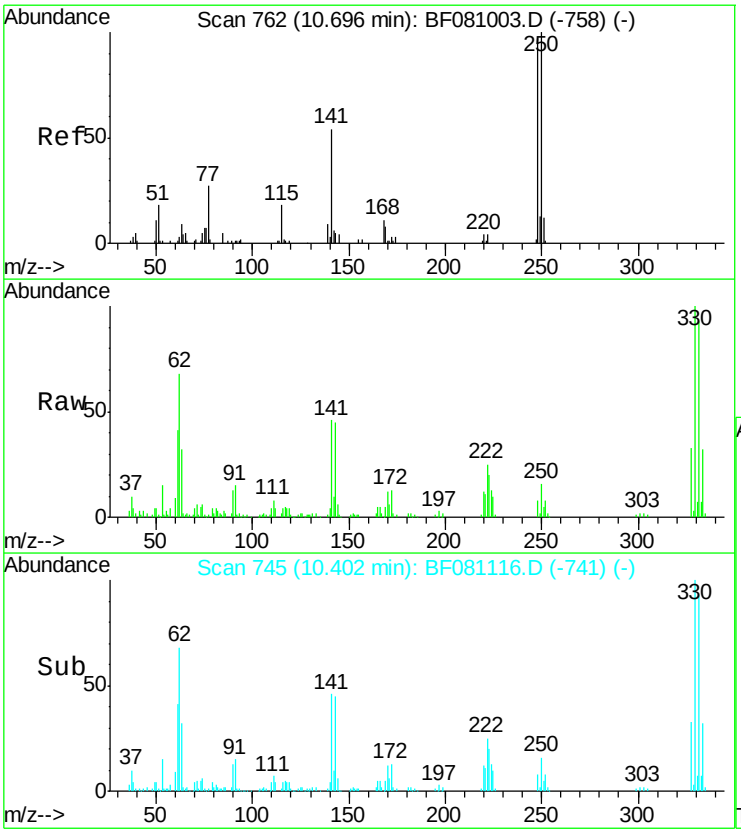
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:188 Resp: 243516

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.4	9.5	14.3#

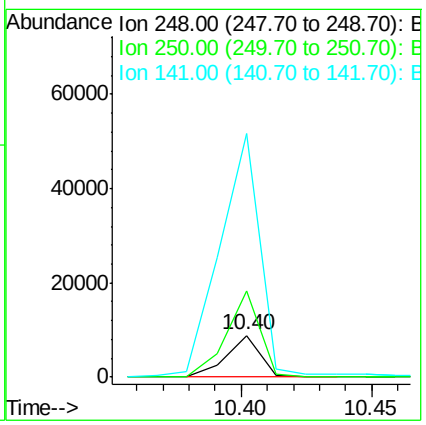


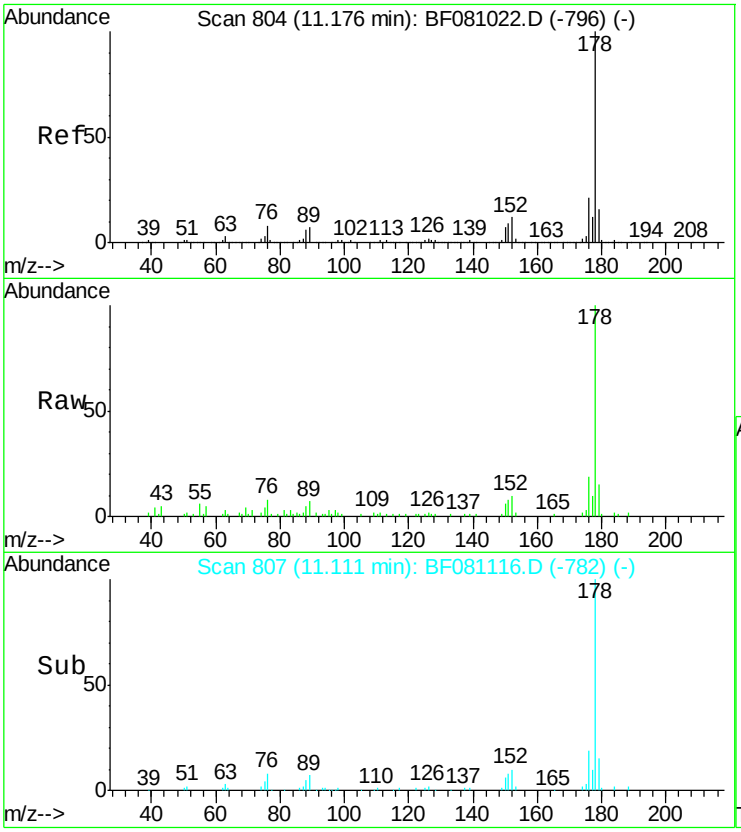


#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:248 Resp: 8031

Ion	Ratio	Lower	Upper
248	100		
250	206.6	77.8	116.6#
141	581.8	39.8	59.6#



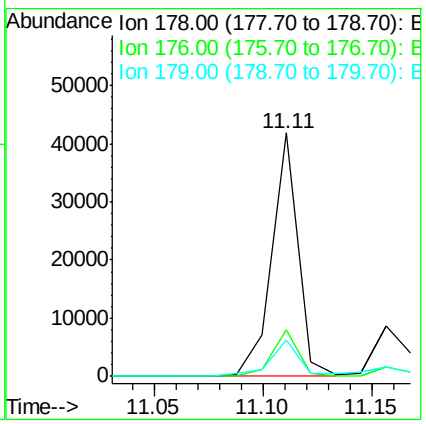


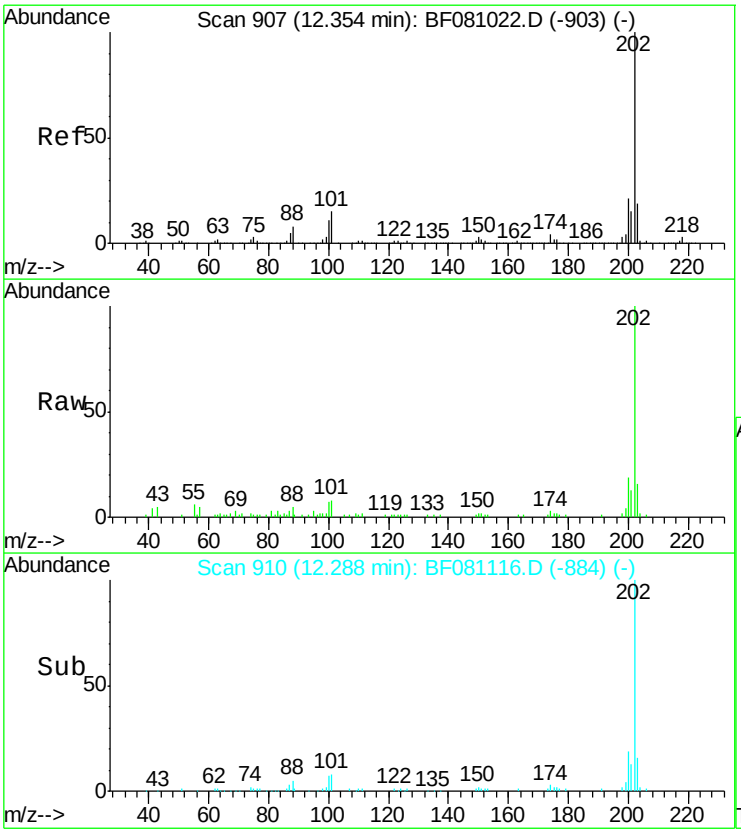
#70
Phenanthrene
Concen: 2.48 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:178 Resp: 35757

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.1	12.2	18.2

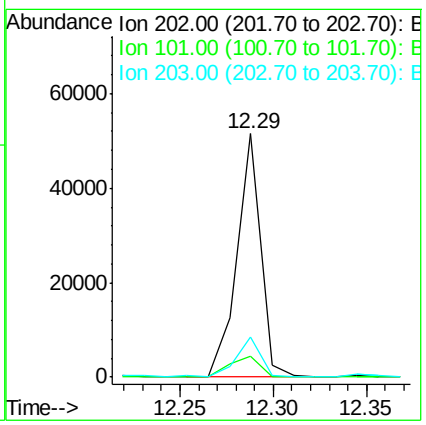


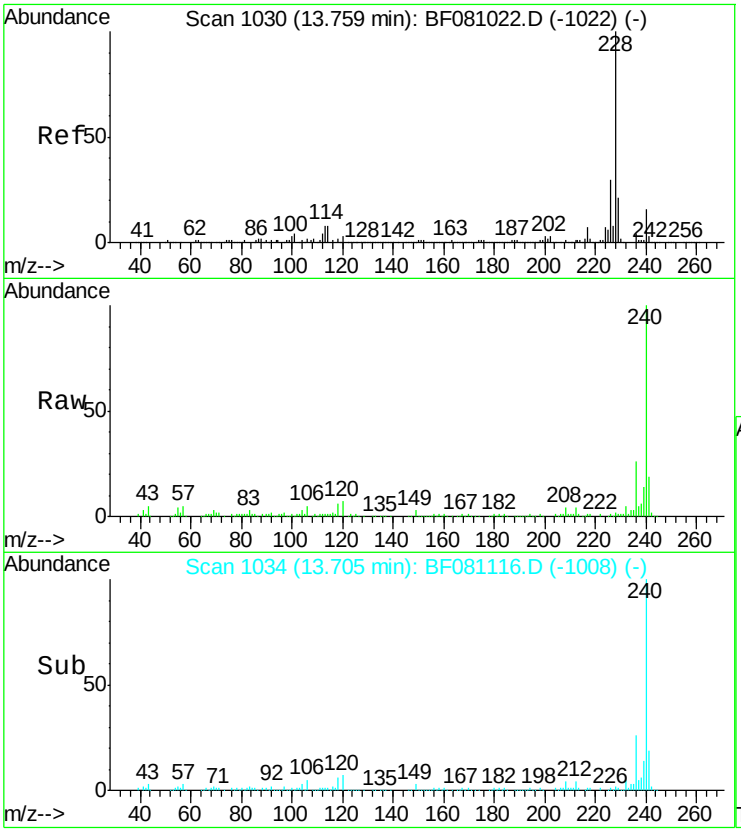


#74
Fluoranthene
Concen: 2.96 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:202 Resp: 46092

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	24.8
203	16.5	0.0	36.9



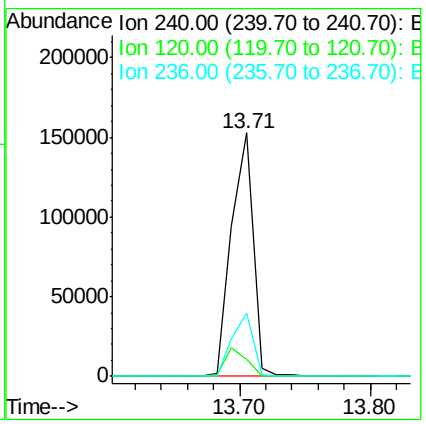


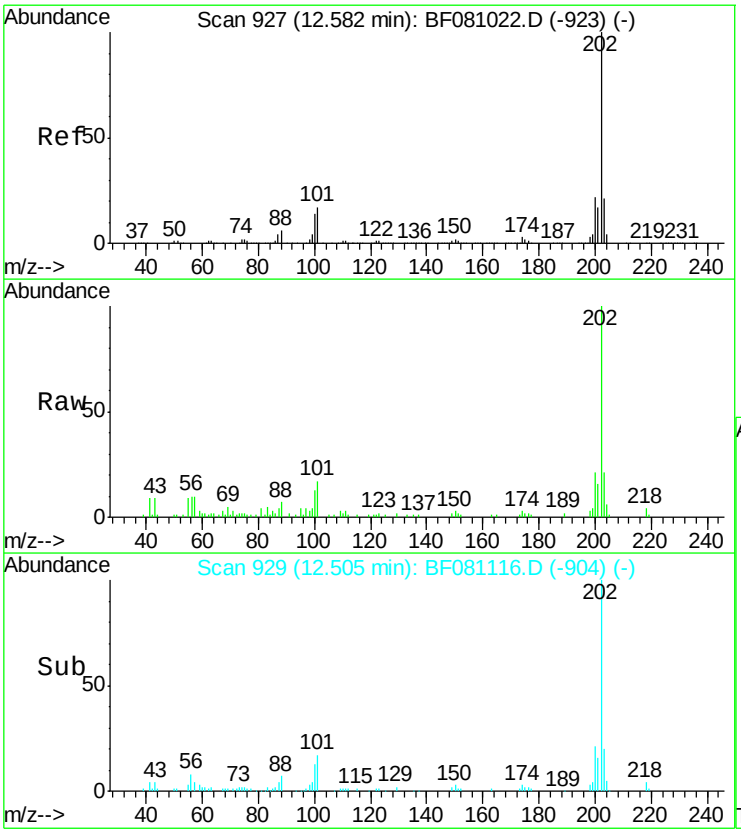
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:240 Resp: 175507

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.6	8.4
236	25.9	20.6	30.8

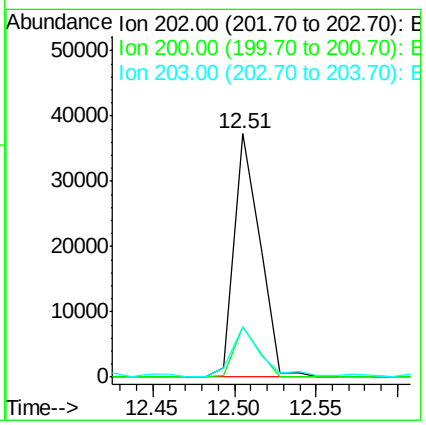


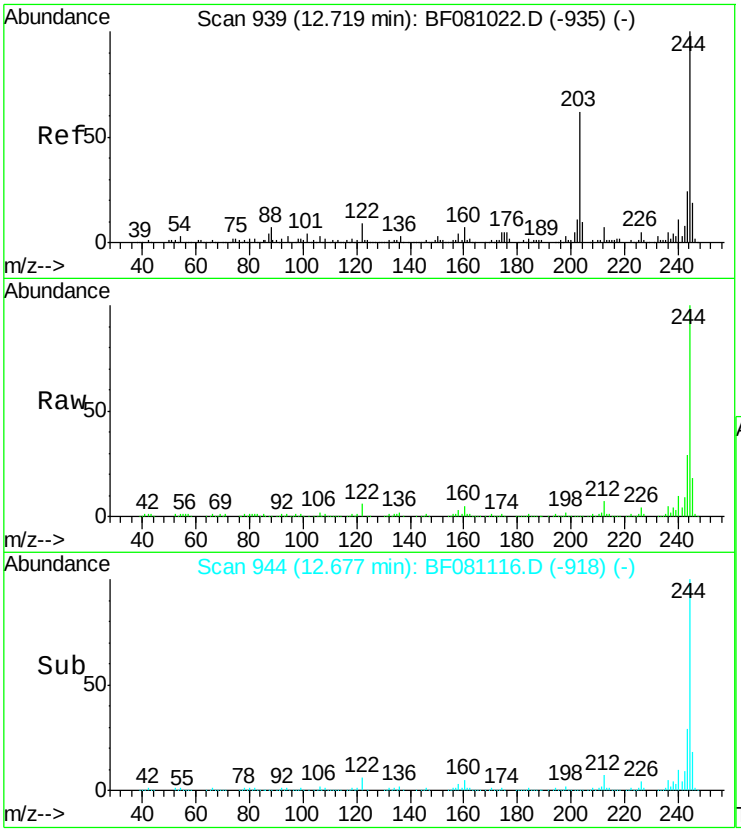


#77
Pyrene
Concen: 2.85 ng
RT: 12.51 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:202 Resp: 40699

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	20.8	14.1	21.1



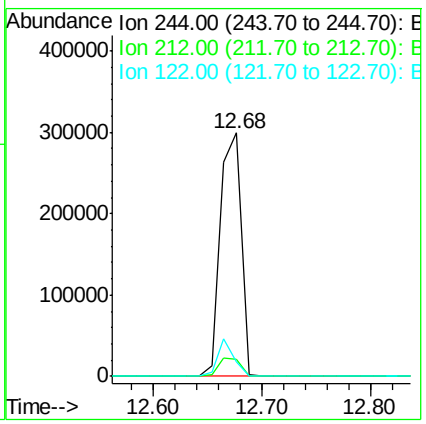


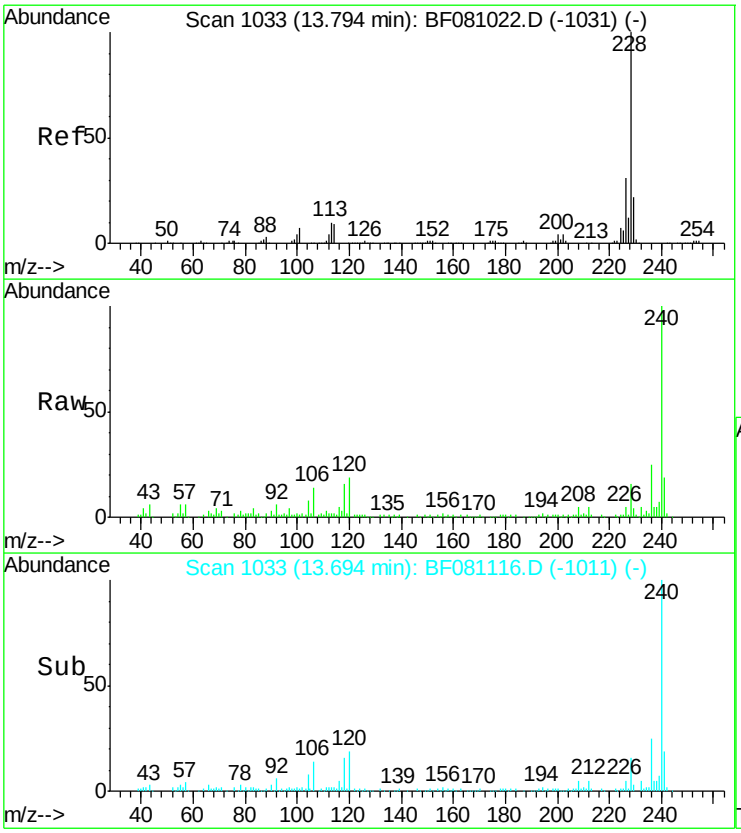
#78
Terphenyl-d14
Concen: 48.69 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:244 Resp: 398574

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	6.0	8.2	12.4#

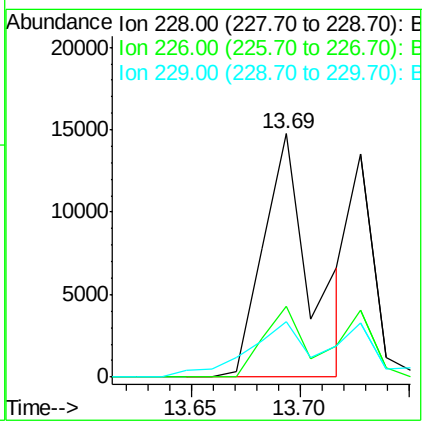


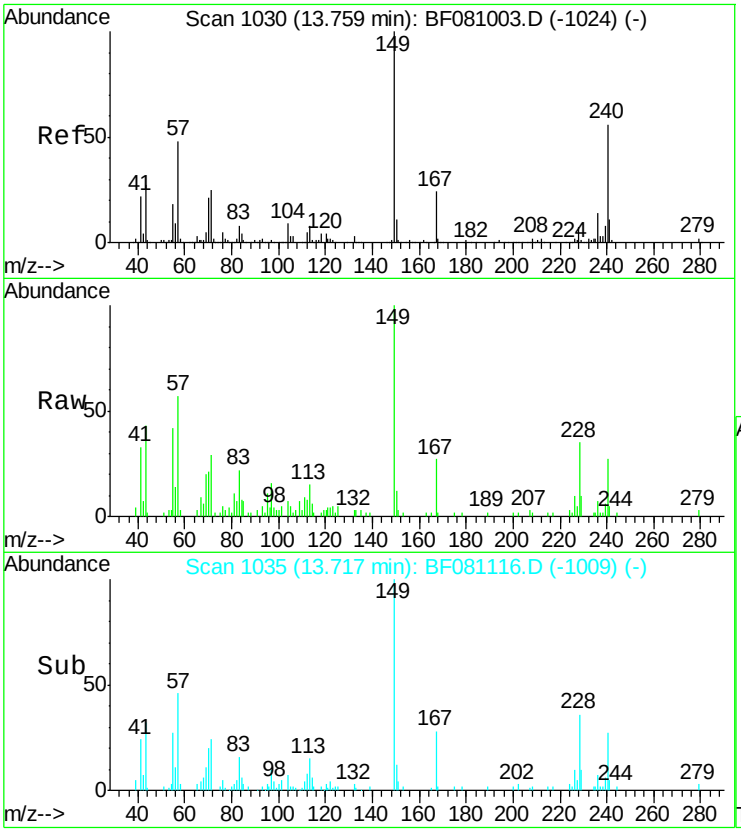


#82
Chrysene
Concen: 2.13 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:228 Resp: 22646

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.4	36.6
229	22.8	16.0	24.0



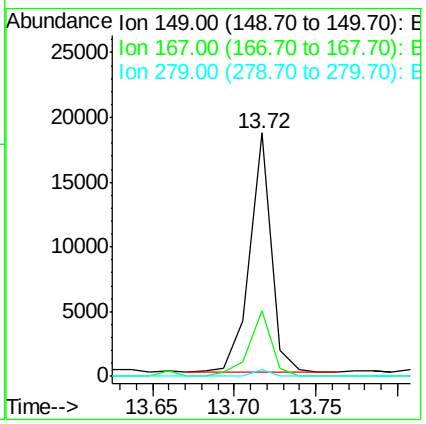


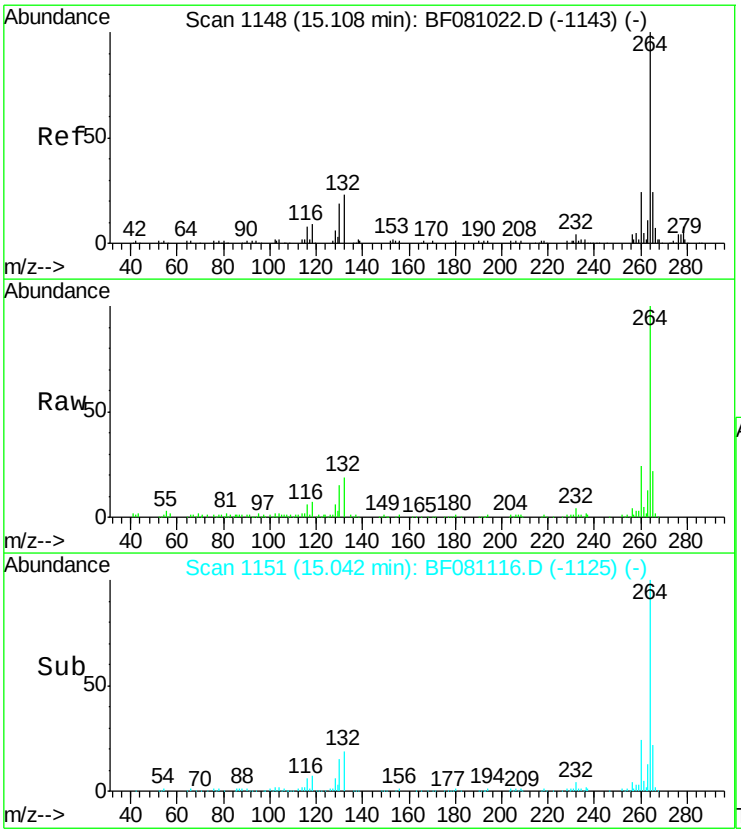
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.15 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:149 Resp: 16877

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.7	31.1
279	2.7	2.2	3.4

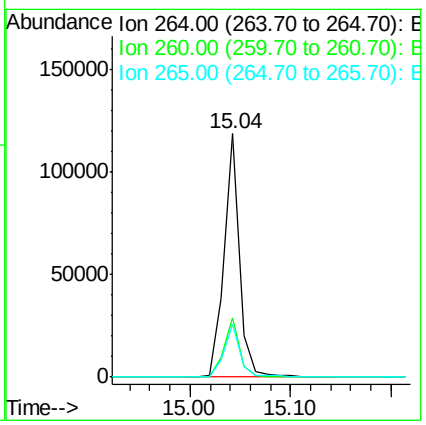


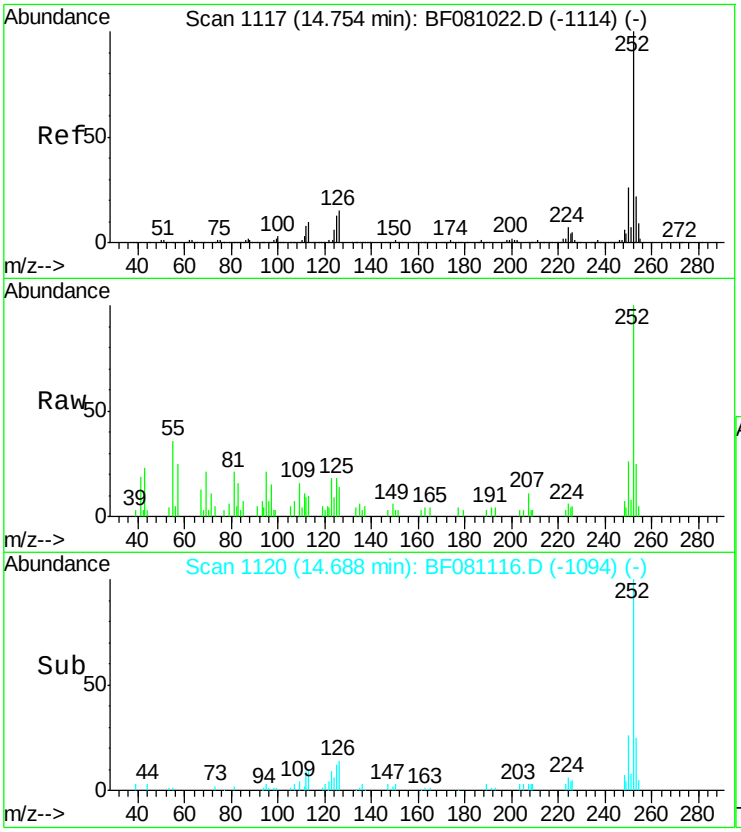


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:264 Resp: 126445

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.5	17.5	26.3



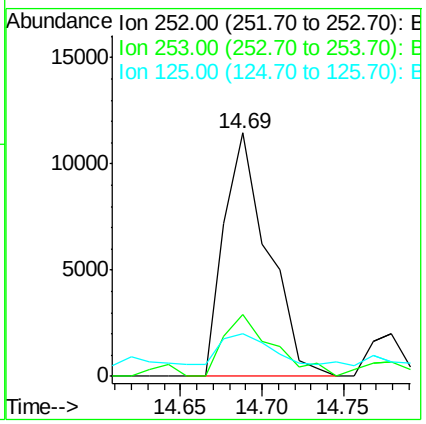


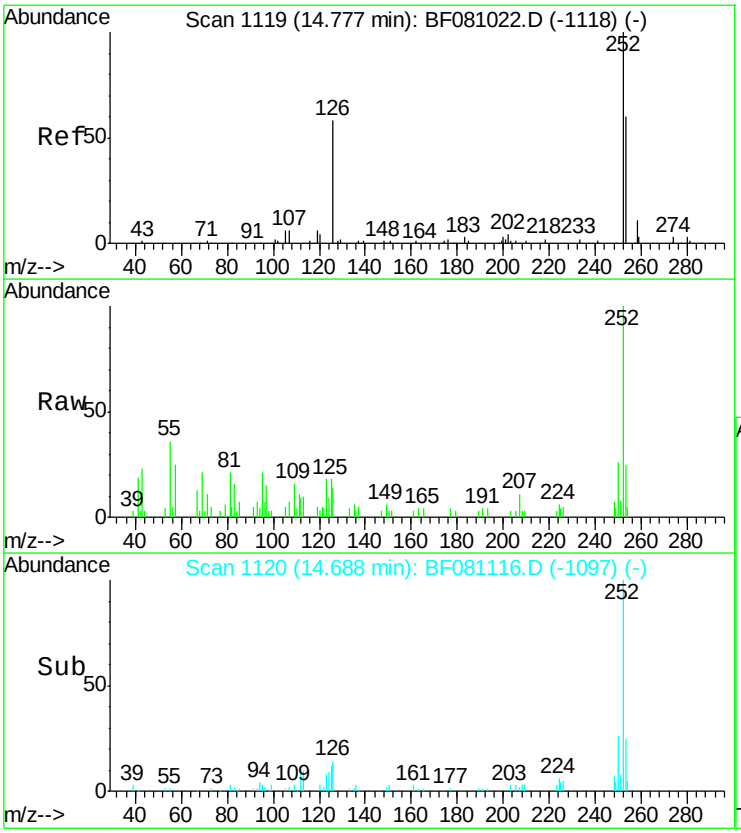
#87
Benzo(b)fluoranthene
Concen: 2.38 ng
RT: 14.69 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:252 Resp: 21279

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	17.6	8.0	12.0#





#88
Benzo(k)fluoranthene
Concen: 2.55 ng
RT: 14.69 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF081116.D
Acq: 20 Aug 2015 9:18

Tgt Ion:252 Resp: 21279

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.6	26.4
125	17.6	10.3	15.5#