Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS02-0012-01

Quant Time: Aug 18 05:10:31 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	6.63	152	61784	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	213754	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	94743	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	168276	20.00	ng		0.00
75) Chrysene-d12	13.75	240	119732	20.00	ng		0.00
86) Perylene-d12	15.11	264	111674	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	447937	109.05	ng		0.02
7) Phenol-d6	6.27	99	549441	102.52	ng		0.01
23) Nitrobenzene-d5	7.20	82	407031	86.99	ng		0.01
41) 2,4,6-Tribromophenol	10.44	330	87012	105.95	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	563759	77.97	ng		0.00
78) Terphenyl-d14	12.72	244	371386	66.50	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	53888	14.51	ng	#	66
25) Isophorone	7.20	82	396287	45.41	ng	#	71
49) Dimethylphthalate	9.39	163	112489	14.42	ng		99
56) 2,4-Dinitrotoluene	9.66	165	12445	5.60	ng	#	16
66) 4-Bromophenyl-phenylether	10.44	248	6816	4.12	ng	#	1
70) Phenanthrene	11.15	178	90382	9.06	ng		98
71) Anthracene	11.20	178	19771	2.04	ng		98
74) Fluoranthene	12.33	202	148933	13.84	ng		93
77) Pyrene	12.56	202	140223	14.41	ng		98
80) Benzo(a)anthracene	13.74	228	77299	9.63	ng		95
82) Chrysene	13.74	228	77299	10.68	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	16579	3.09	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.33	276	33400	6.57	ng	#	90
87) Benzo(b)fluoranthene	14.74	252	133296	16.87	ng		97
88) Benzo(k)fluoranthene	14.74	252	133296	18.11	ng		98
89) Benzo(a)pyrene	15.05	252	60892	8.85	ng		97
91) Benzo(g,h,i)perylene	16.70	276	29389	5.40	ng	#	91

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

Quantitation Report (Not Reviewed)

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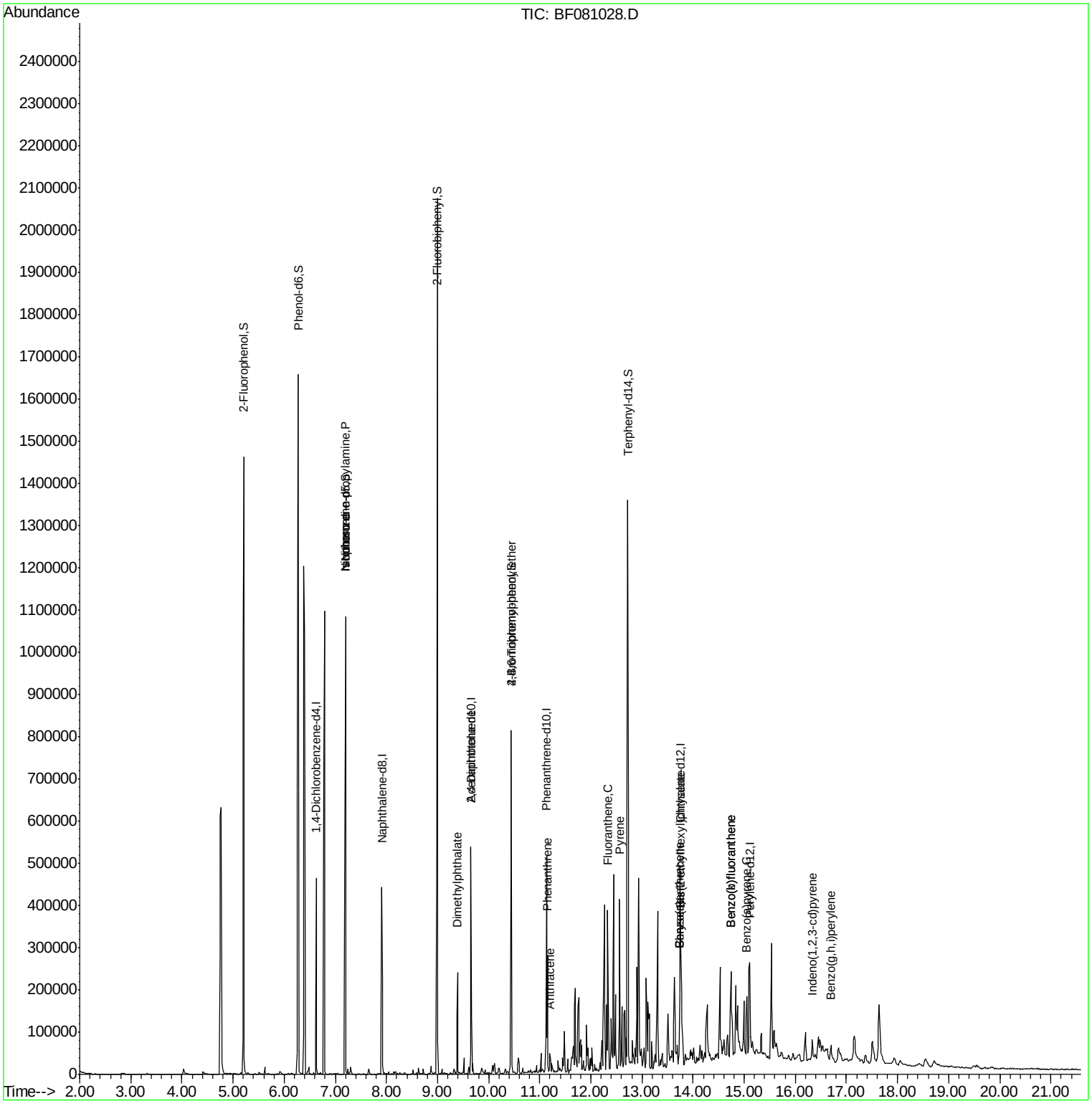
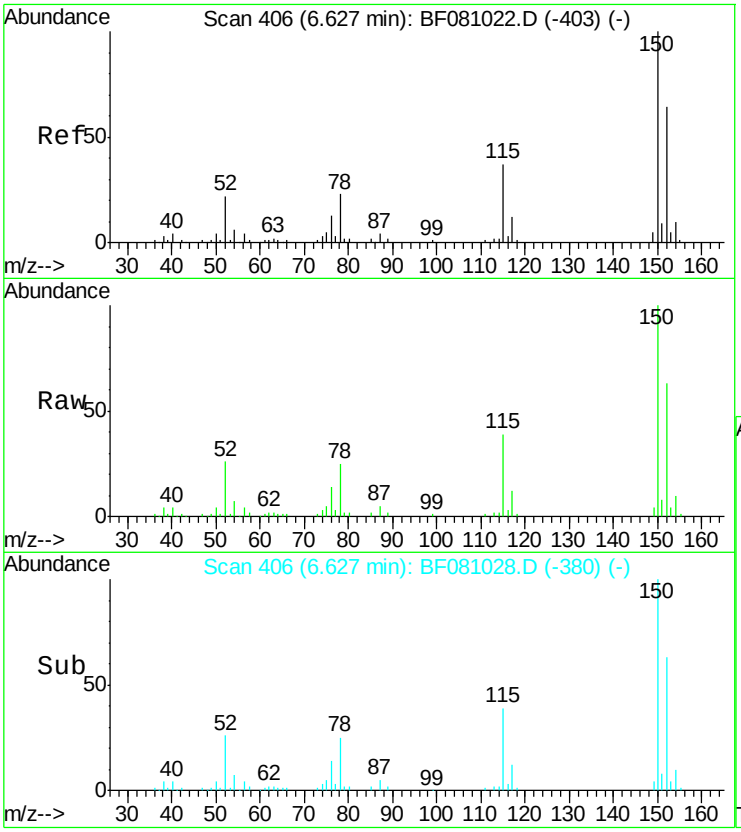


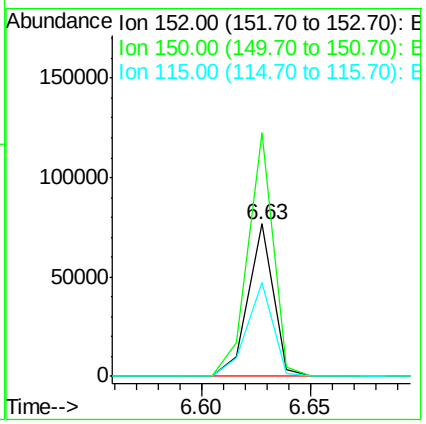


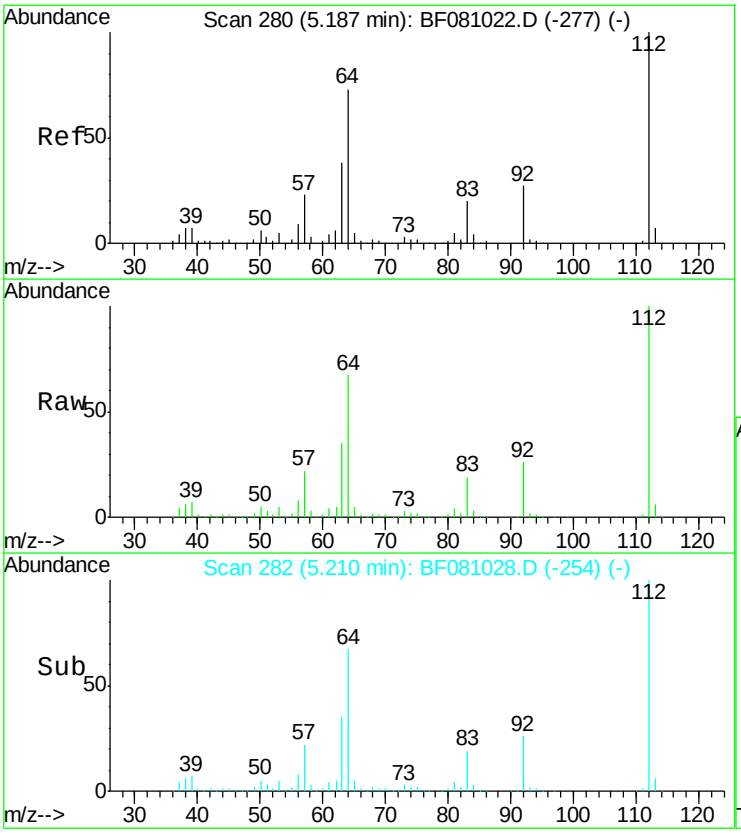
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:152 Resp: 61784

Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.8	185.6
115	61.8	52.1	78.1

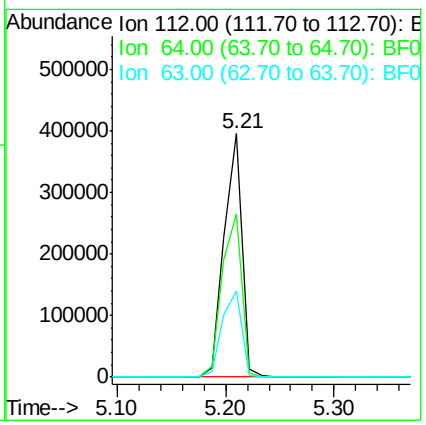


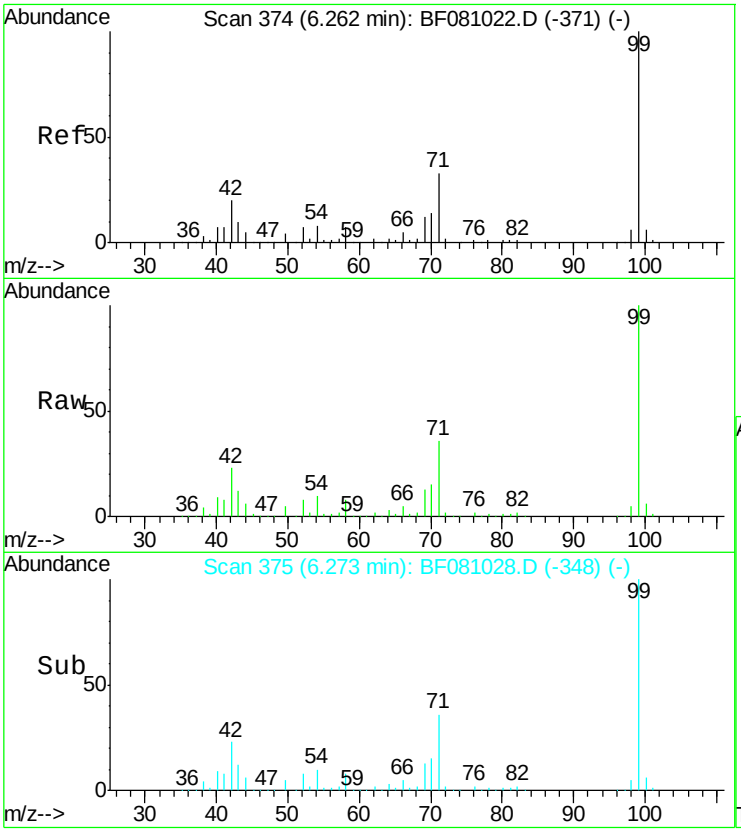


#5
2-Fluorophenol
Concen: 109.05 ng
RT: 5.21 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:112 Resp: 447937

Ion	Ratio	Lower	Upper
112	100		
64	66.9	66.9	100.3
63	35.5	38.1	57.1#



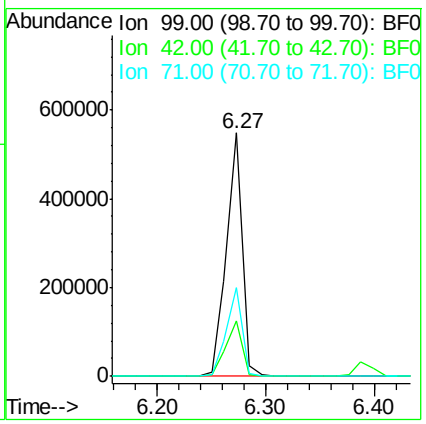


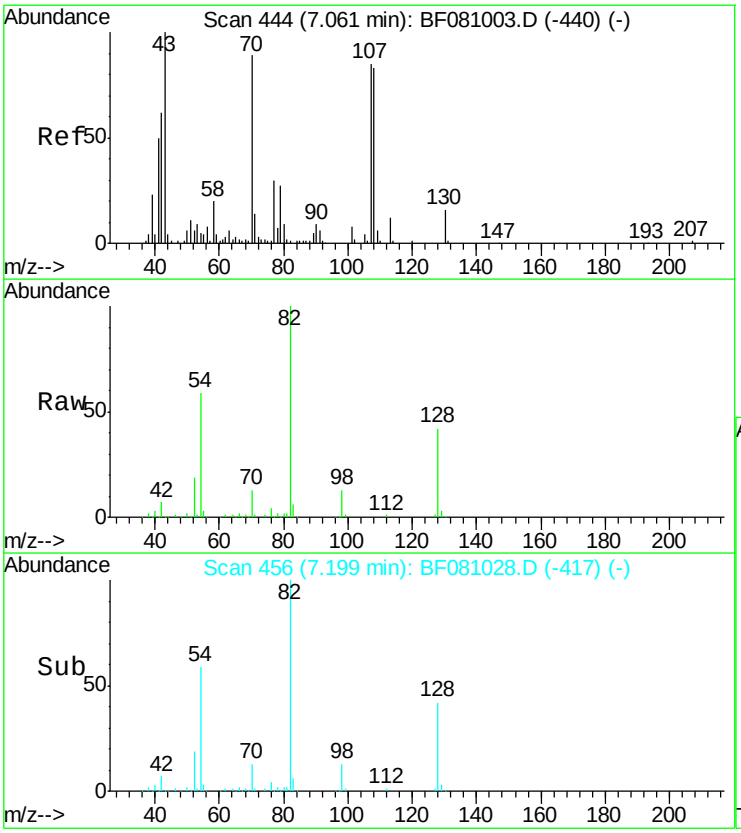
#7
Phenol-d6
Concen: 102.52 ng
RT: 6.27 min Scan# 375
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion: 99 Resp: 549441

Ion	Ratio	Lower	Upper
99	100		
42	22.7	19.6	29.4
71	36.2	31.2	46.8

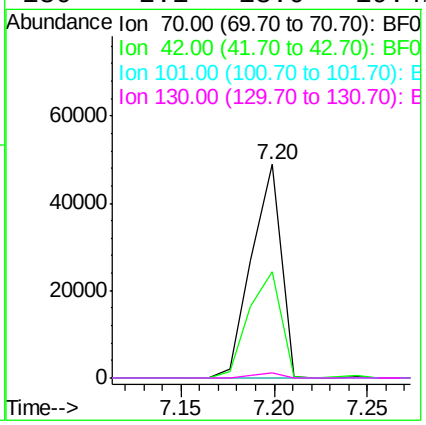


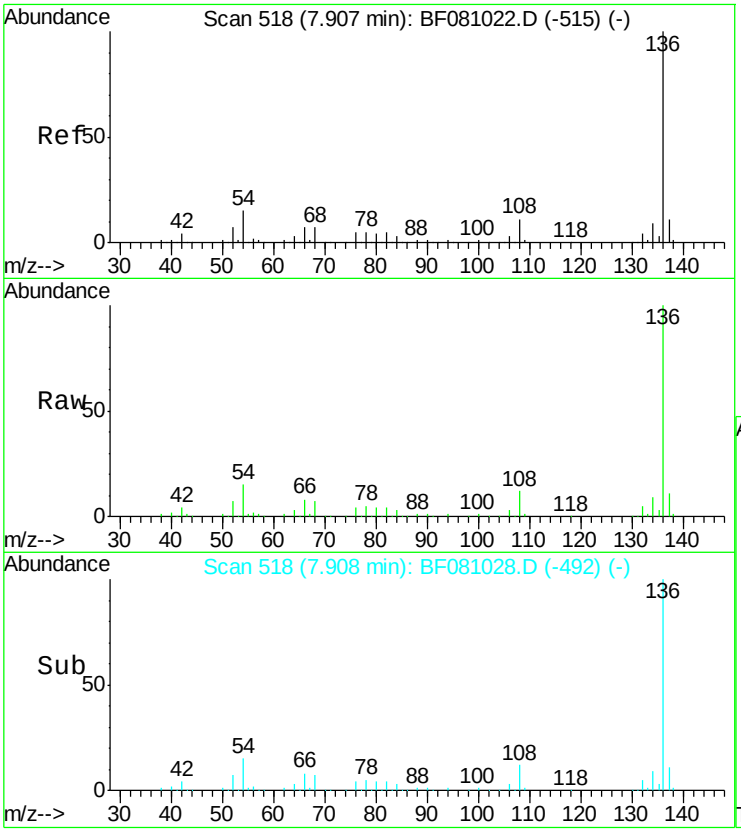


#19
n-Nitroso-di-n-propylamine
Concen: 14.51 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.15 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion: 70 Resp: 53888

Ion	Ratio	Lower	Upper
70	100		
42	49.9	65.0	97.4#
101	0.0	7.4	11.2#
130	2.1	13.0	19.4#



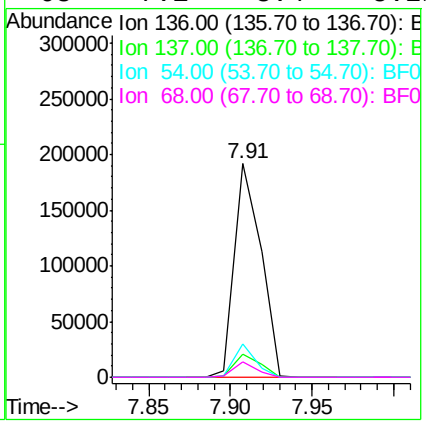


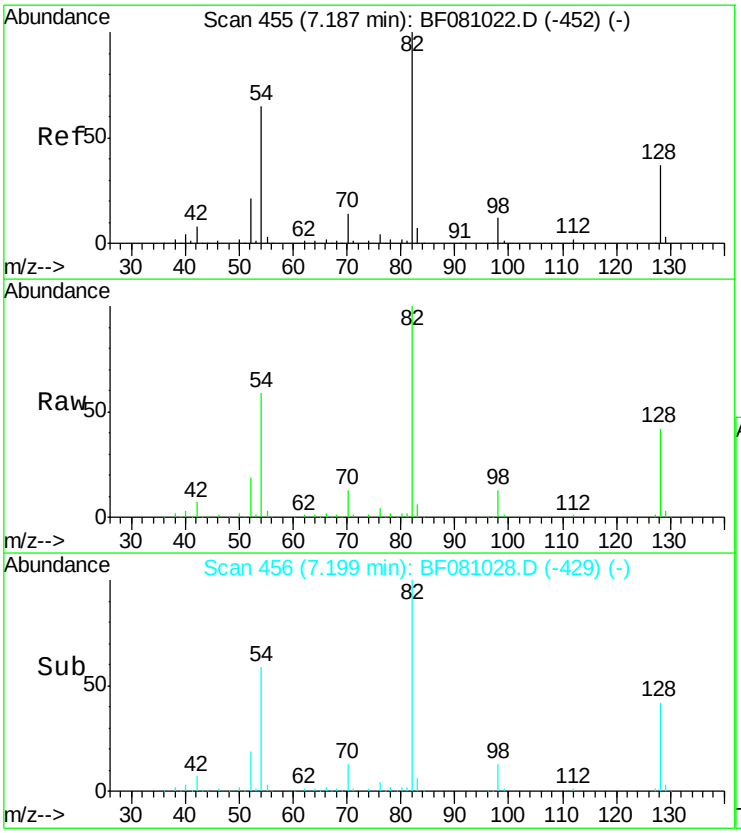
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:136 Resp: 213754

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	15.3	7.7	11.5#
68	7.1	3.4	5.2#

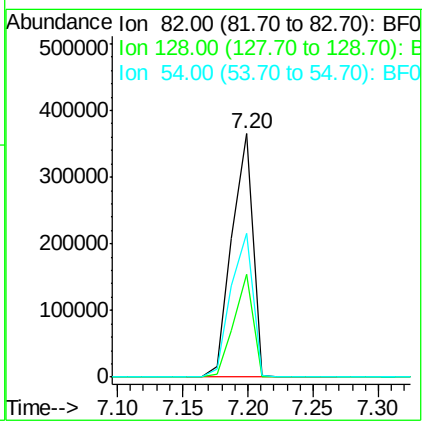


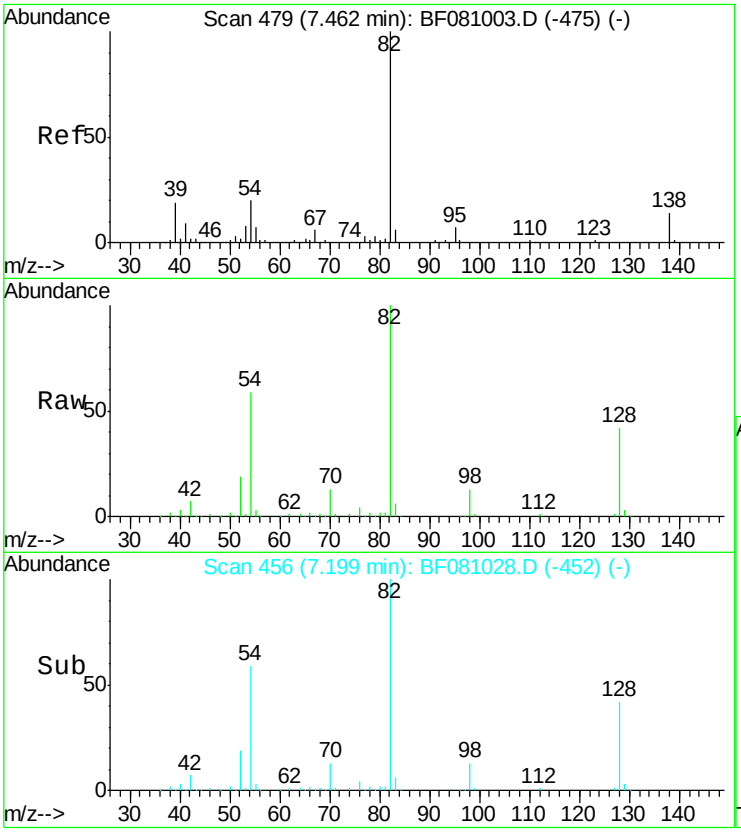


#23
Nitrobenzene-d5
Concen: 86.99 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion: 82 Resp: 407031

Ion	Ratio	Lower	Upper
82	100		
128	42.3	28.6	42.8
54	59.2	55.1	82.7



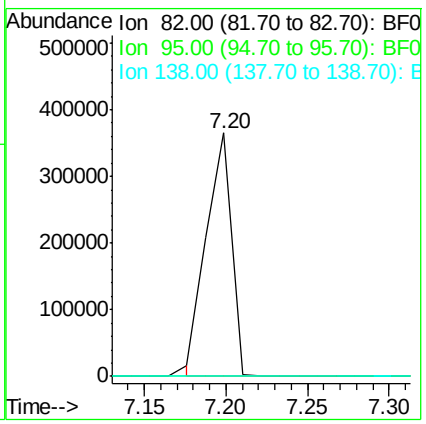


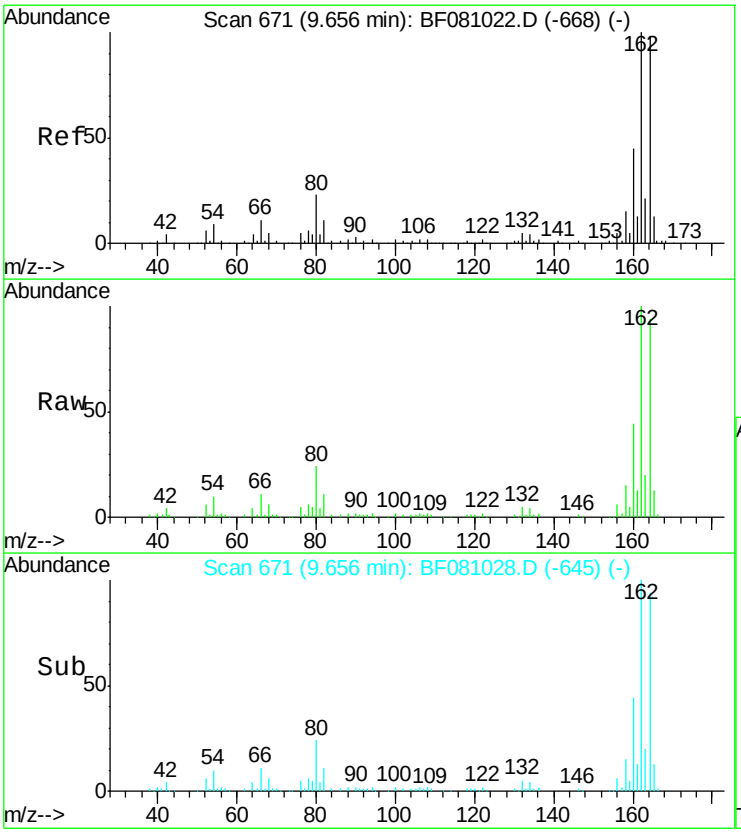
#25
Isophorone
Concen: 45.41 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.25 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion: 82 Resp: 396287

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

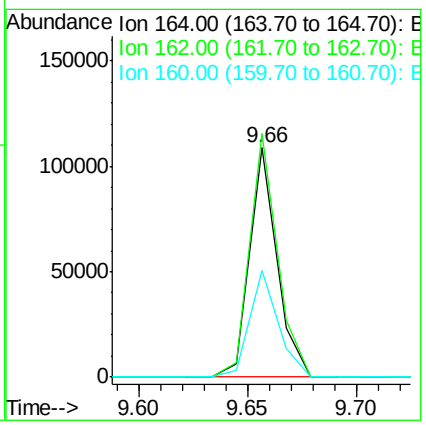


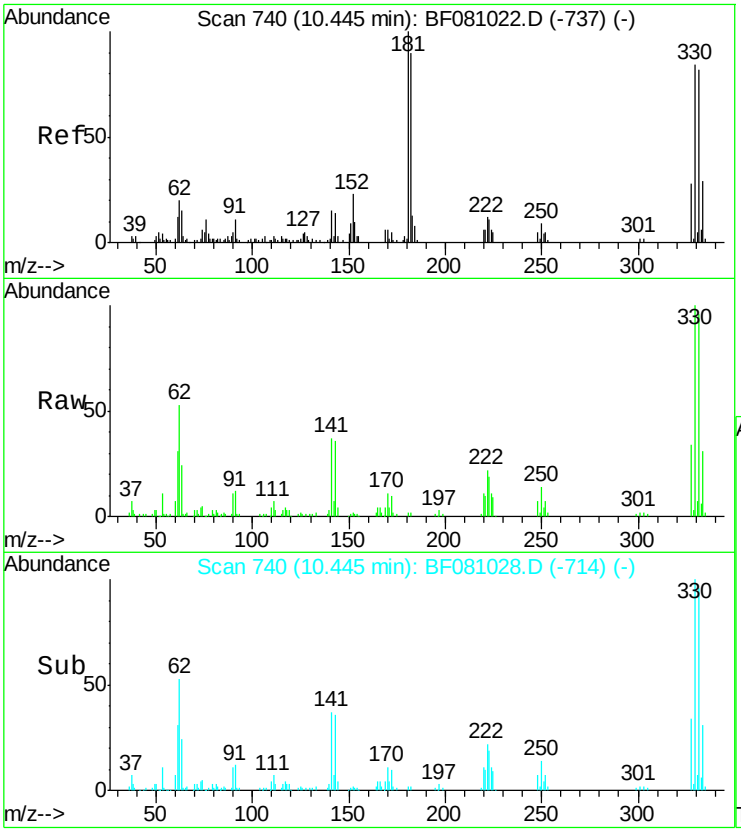


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:164 Resp: 94743

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.8	125.8
160	46.6	39.8	59.8



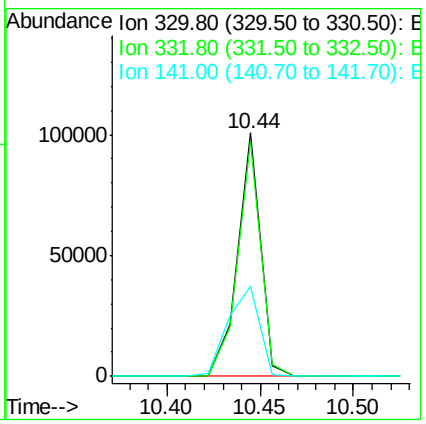


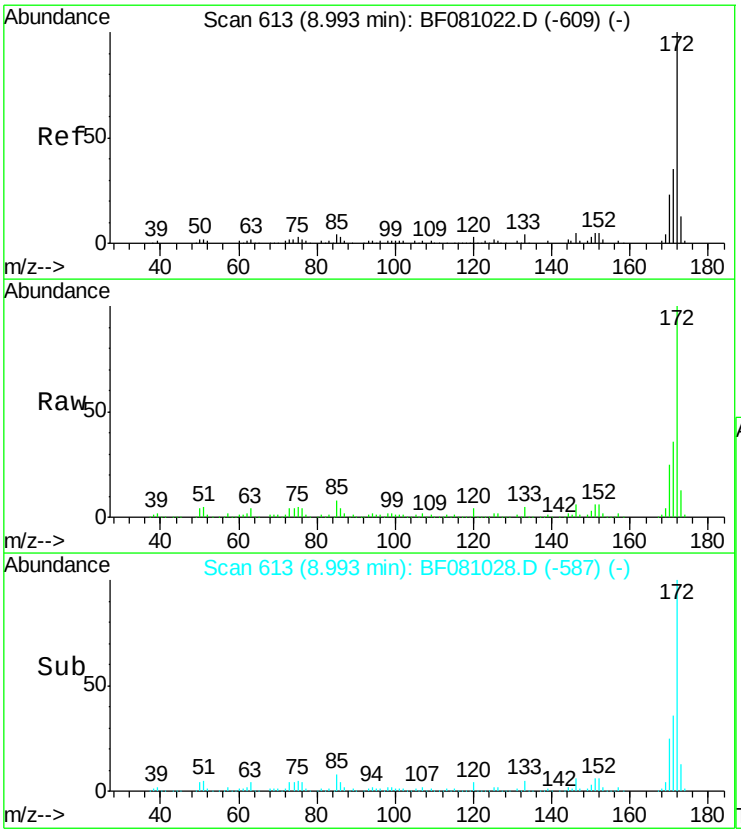
#41
2,4,6-Tribromophenol
Concen: 105.95 ng
RT: 10.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:330 Resp: 87012

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	50.3	44.9	67.3

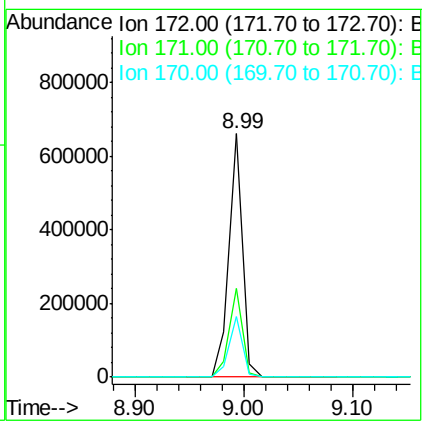


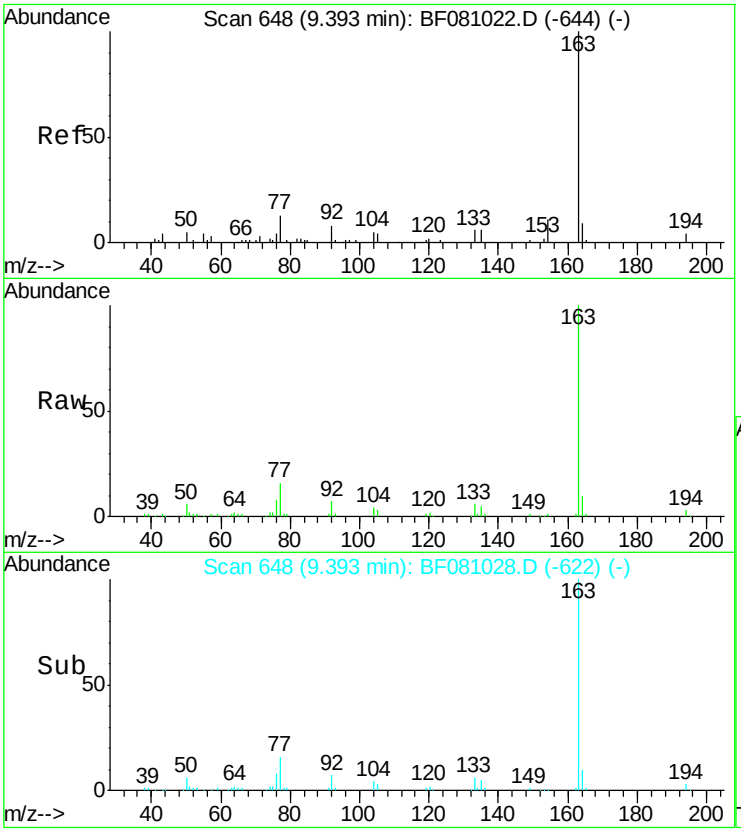


#44
2-Fluorobiphenyl
Concen: 77.97 ng
RT: 8.99 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:172 Resp: 563759

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.9	19.4	29.2



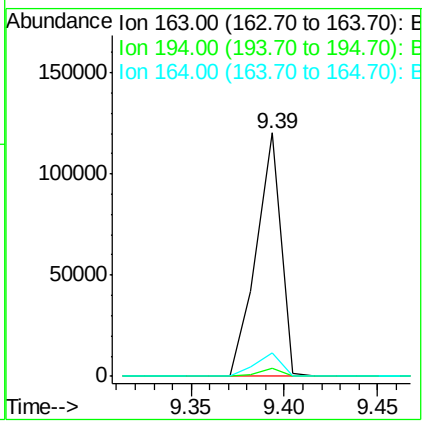


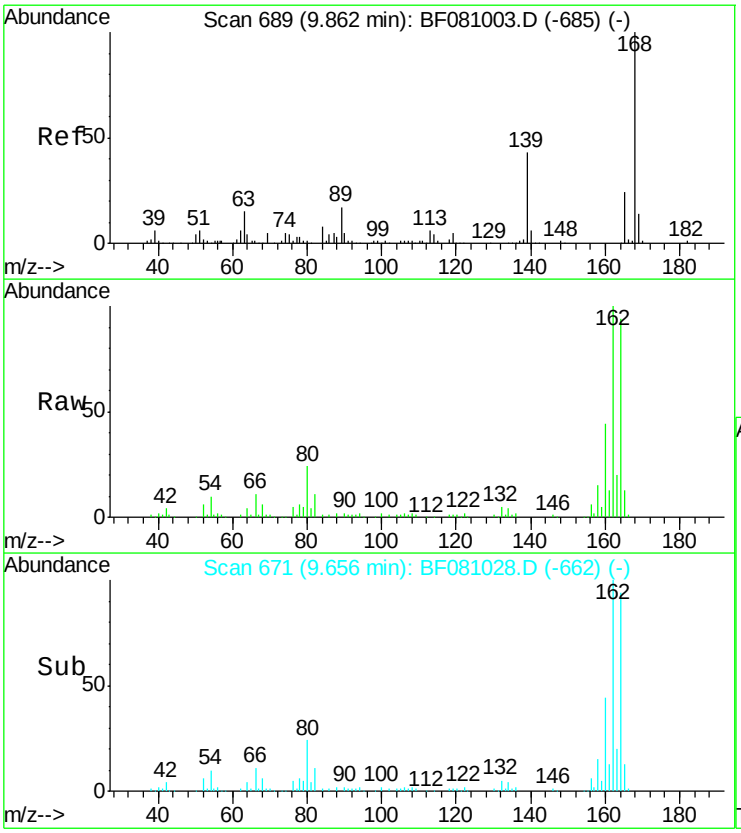
#49
Dimethylphthalate
Concen: 14.42 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:163 Resp: 112489

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.5	3.7
164	9.7	8.1	12.1

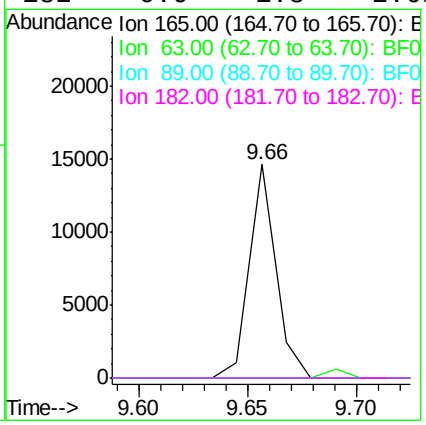


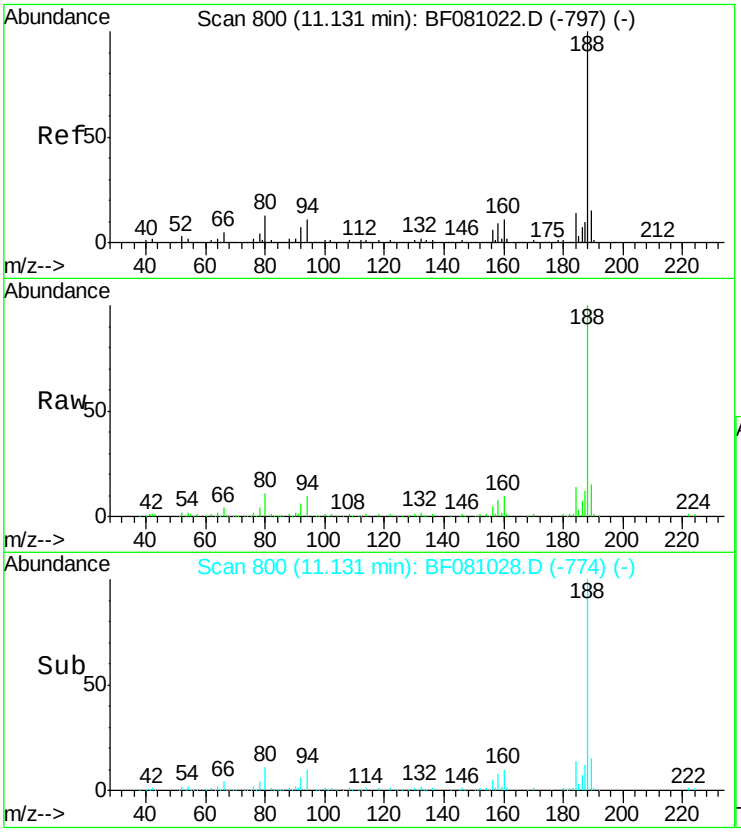


#56
2,4-Dinitrotoluene
Concen: 5.60 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.19 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:165 Resp: 12445

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



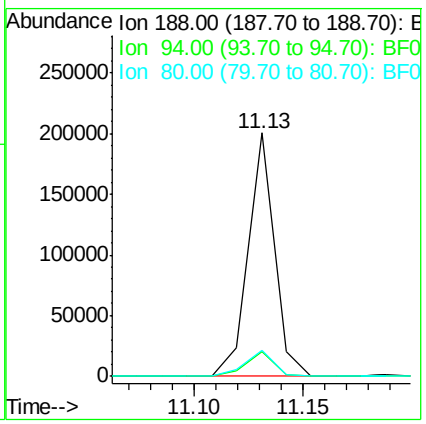


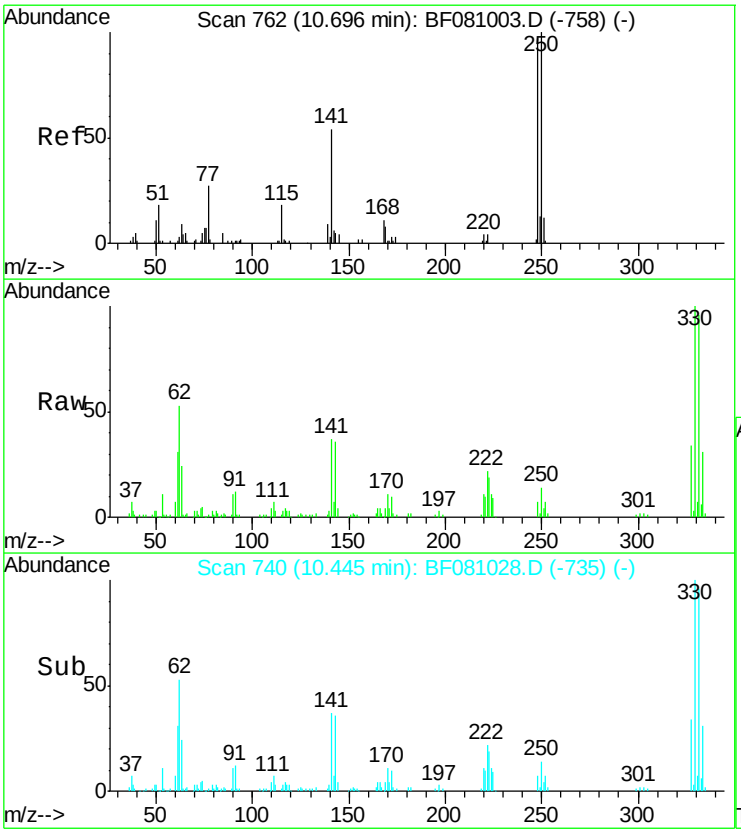
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:188 Resp: 168276

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.7	9.5	14.3

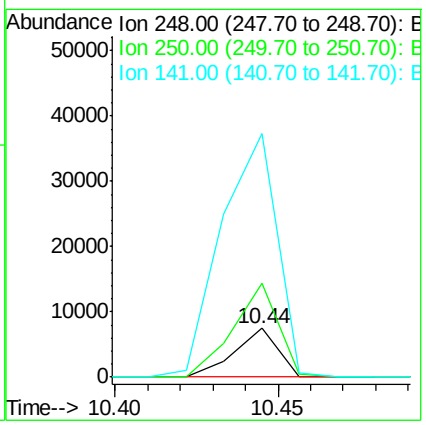


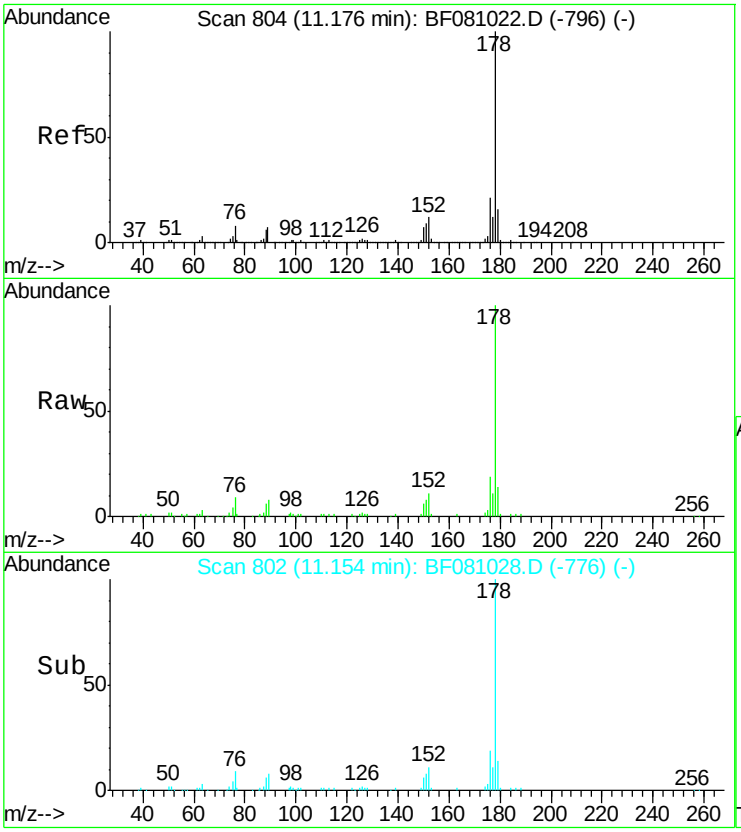


#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.44 min Scan# 740
Delta R.T. -0.24 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:248 Resp: 6816

Ion	Ratio	Lower	Upper
248	100		
250	192.7	77.8	116.6#
141	499.9	39.8	59.6#



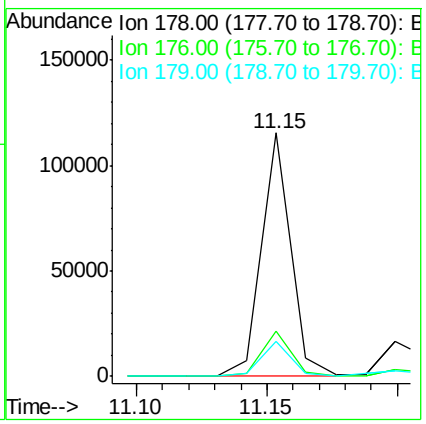


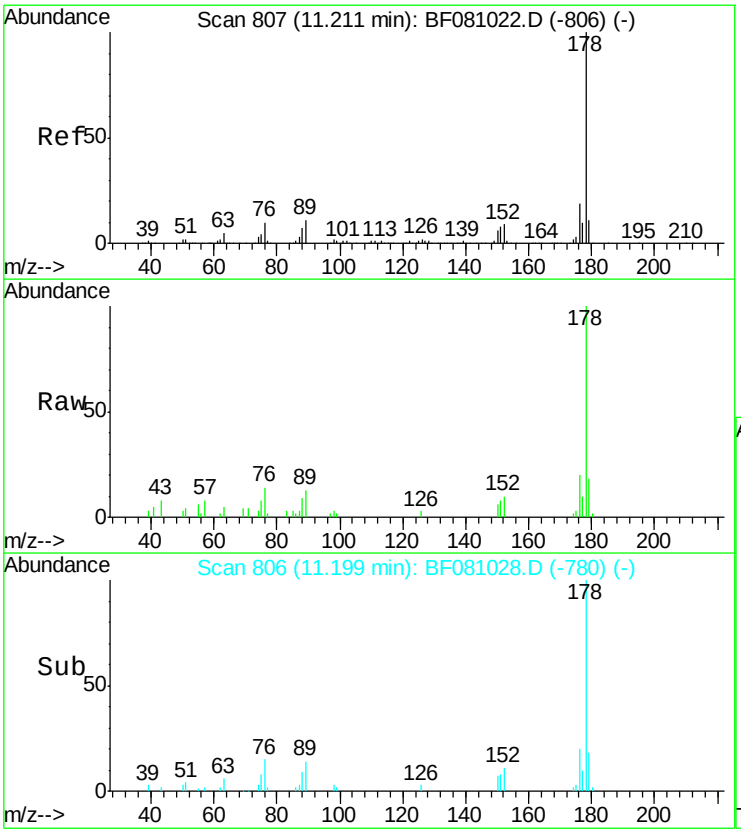
#70
Phenanthrene
Concen: 9.06 ng
RT: 11.15 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:178 Resp: 90382

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	14.4	12.2	18.2

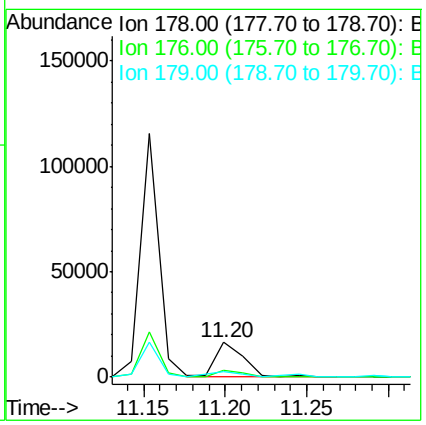


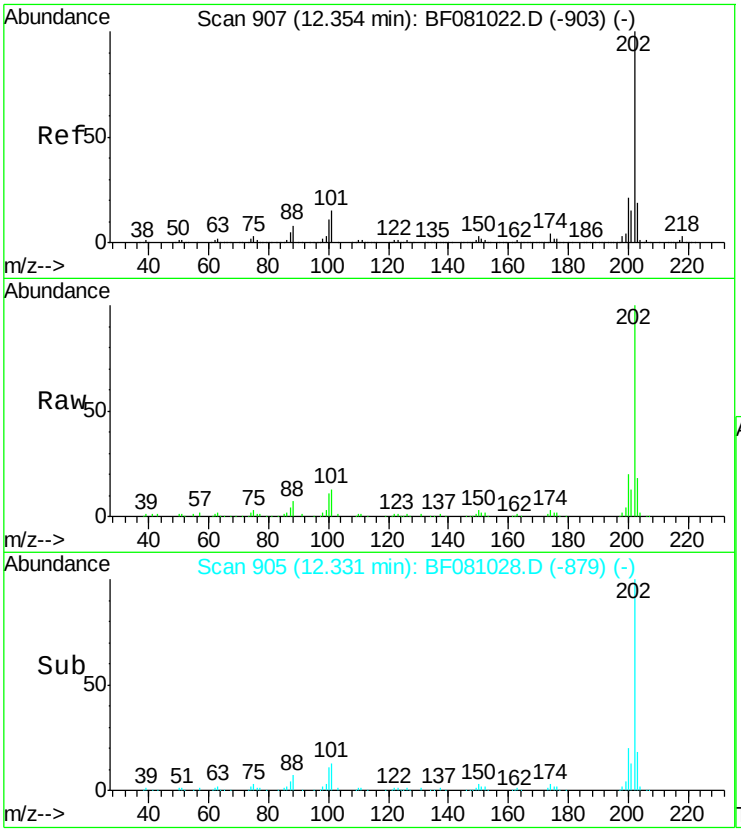


#71
Anthracene
Concen: 2.04 ng
RT: 11.20 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:178 Resp: 19771

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	17.6	12.7	19.1



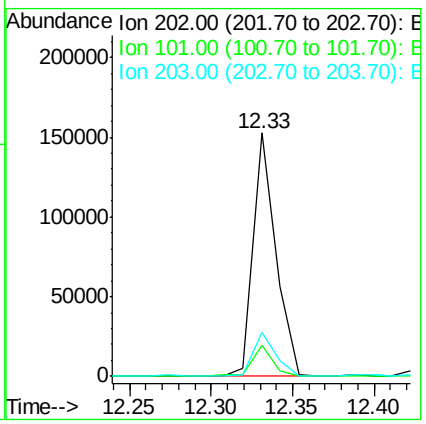


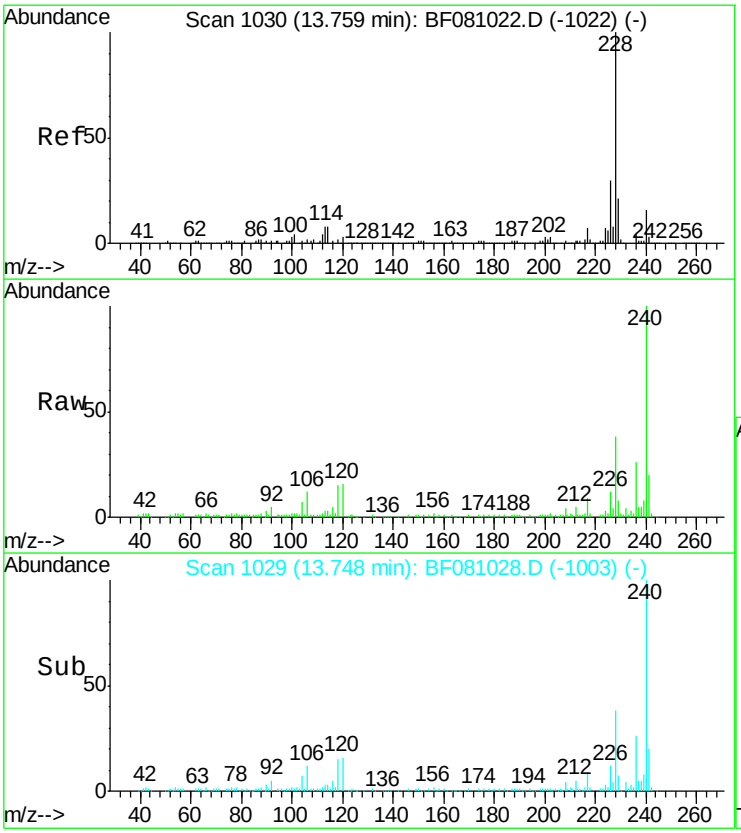
#74
Fluoranthene
Concen: 13.84 ng
RT: 12.33 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:202 Resp: 148933

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	24.8
203	17.8	0.0	36.9

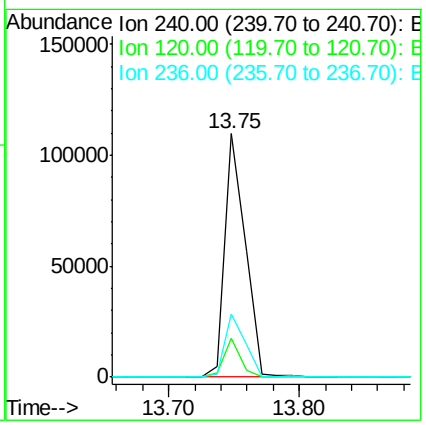


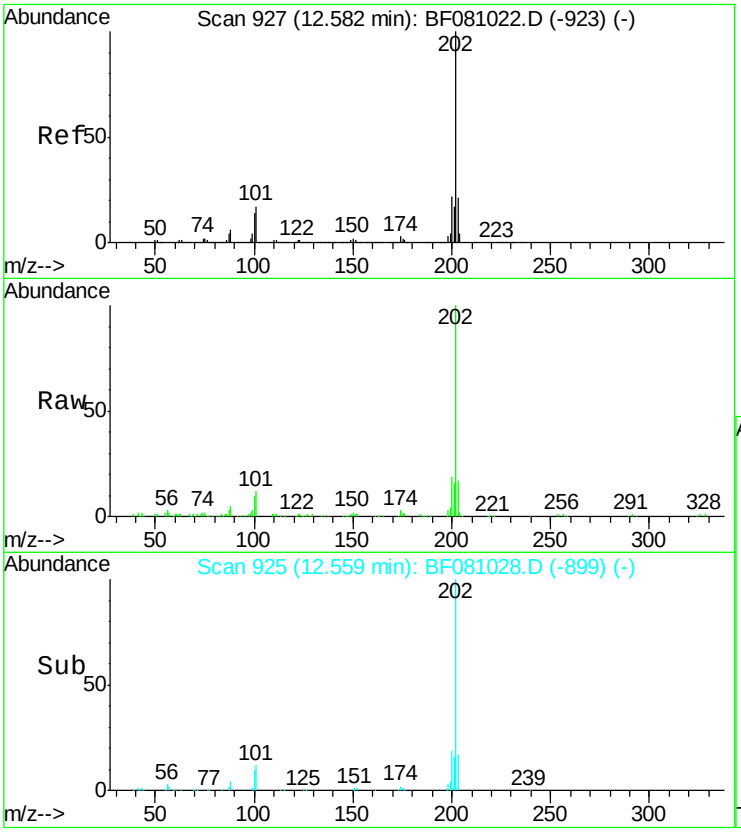


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:240 Resp: 119732

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.6	8.4#
236	25.7	20.6	30.8



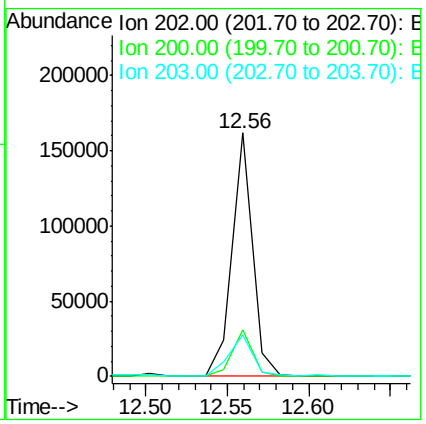


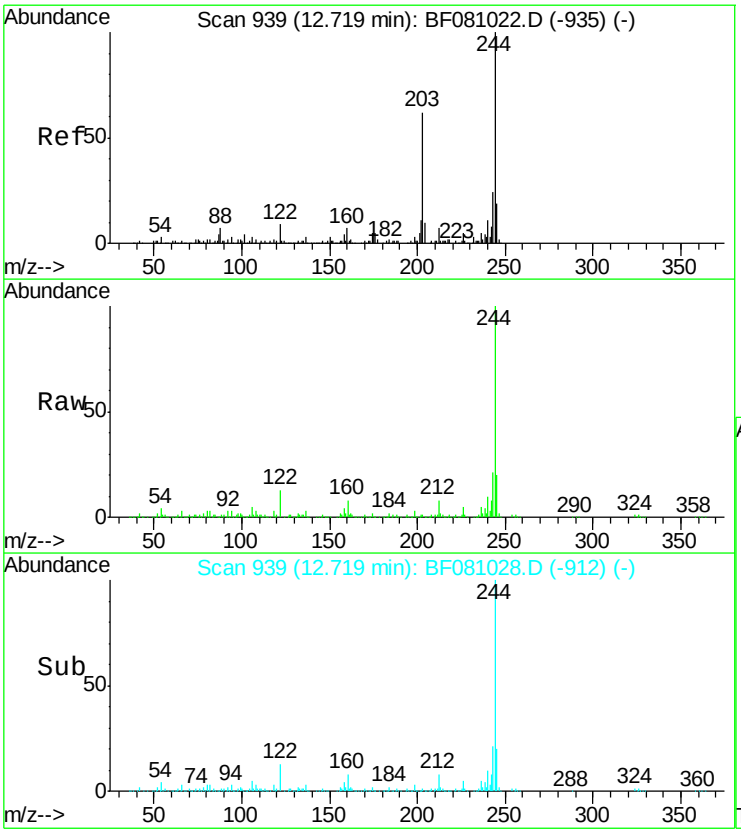
#77
Pyrene
Concen: 14.41 ng
RT: 12.56 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:202 Resp: 140223

Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.6	24.8
203	17.0	14.1	21.1

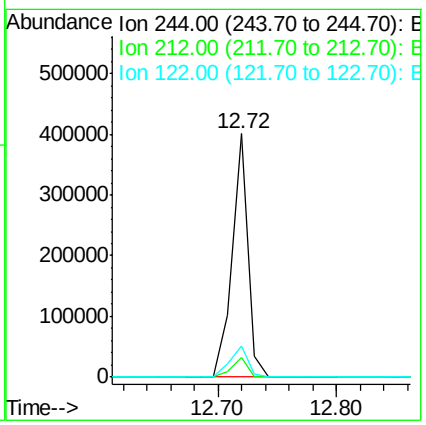


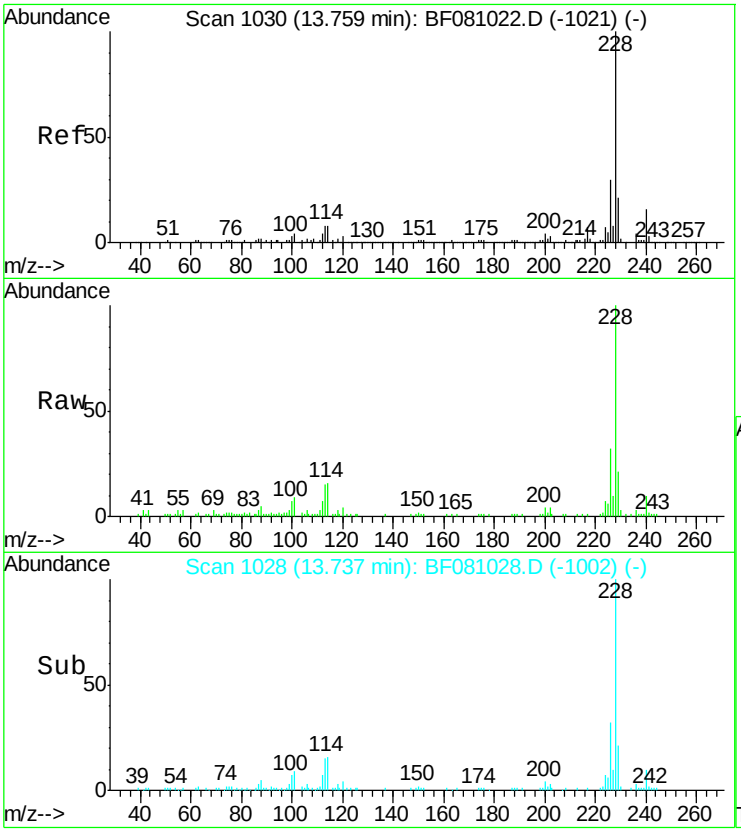


#78
Terphenyl-d14
Concen: 66.50 ng
RT: 12.72 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:244 Resp: 371386

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	12.9	8.2	12.4#



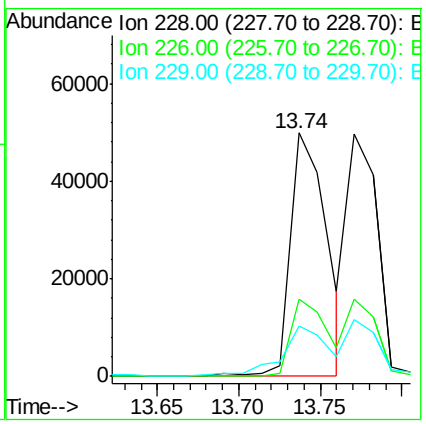


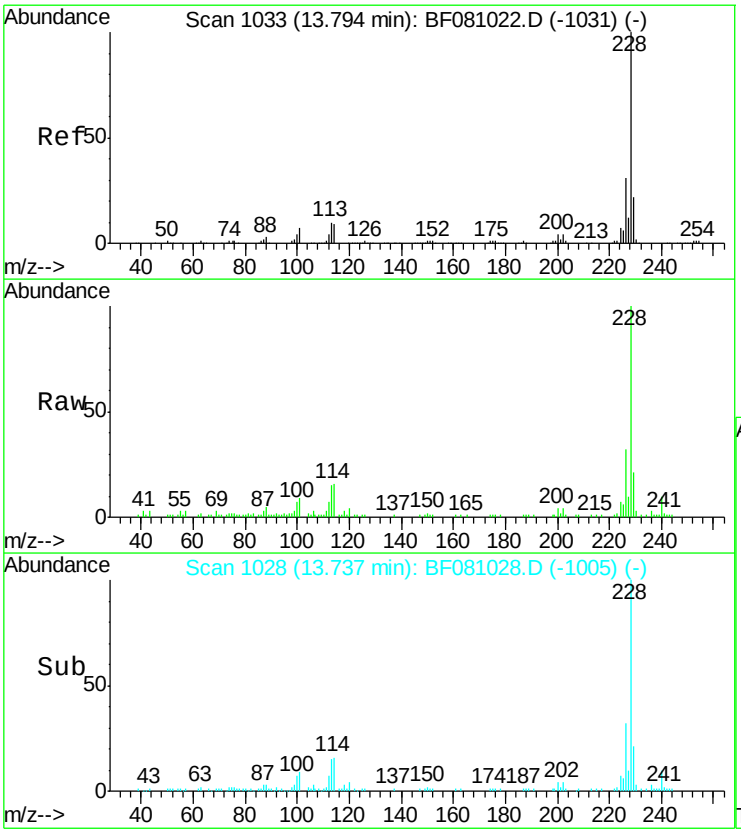
#80
Benzo(a)anthracene
Concen: 9.63 ng
RT: 13.74 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:228 Resp: 77299

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.3	33.5
229	20.7	15.9	23.9

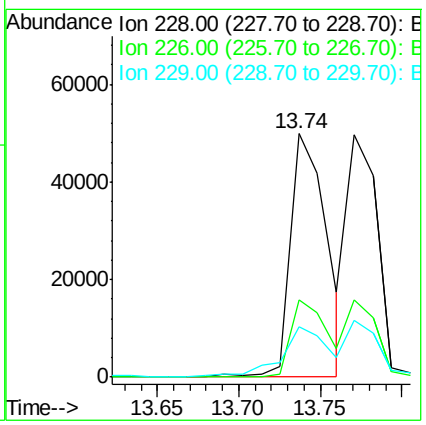


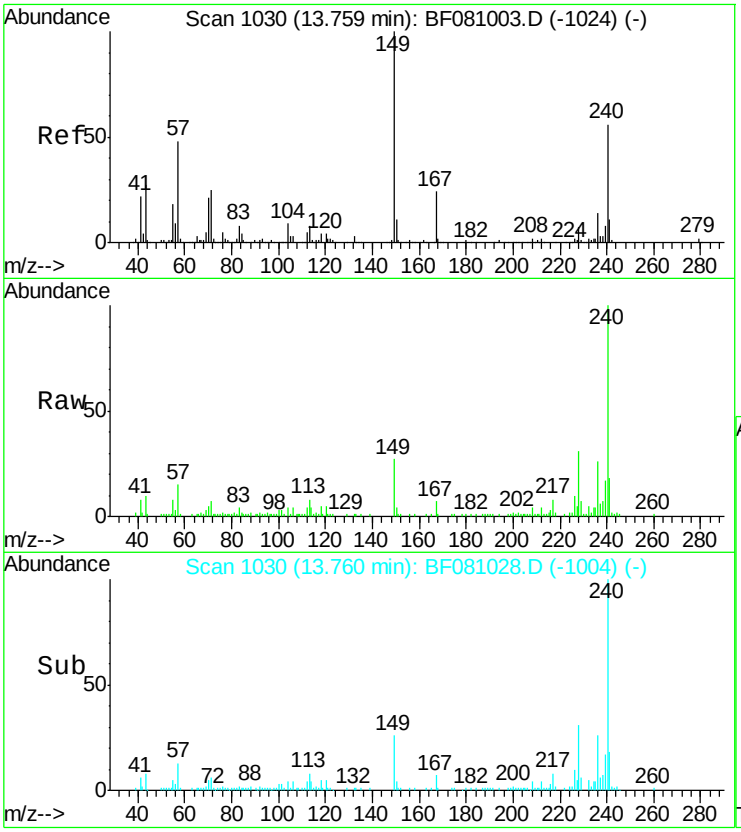


#82
Chrysene
Concen: 10.68 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:228 Resp: 77299

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	20.7	16.0	24.0



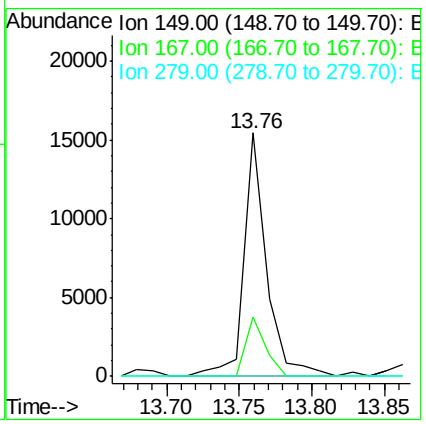


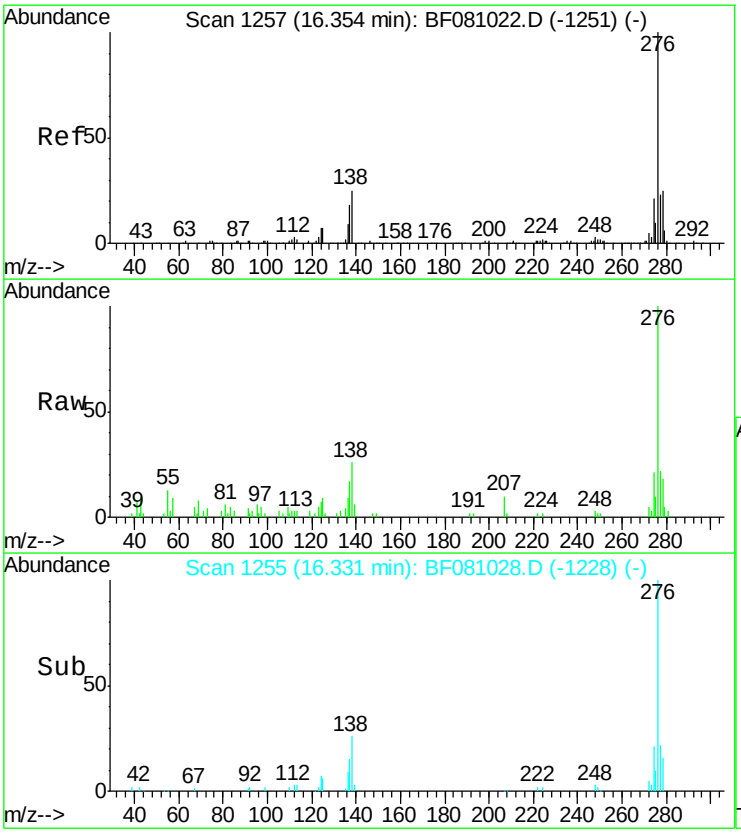
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.09 ng
RT: 13.76 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:149 Resp: 16579

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.7	31.1
279	0.0	2.2	3.4#

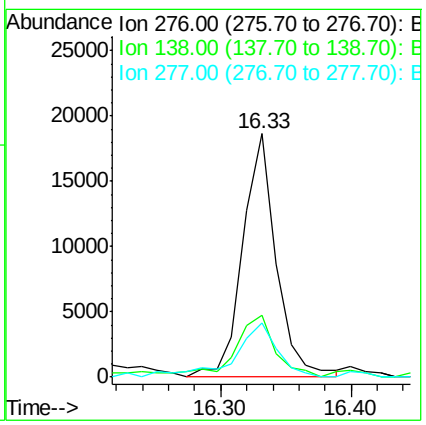


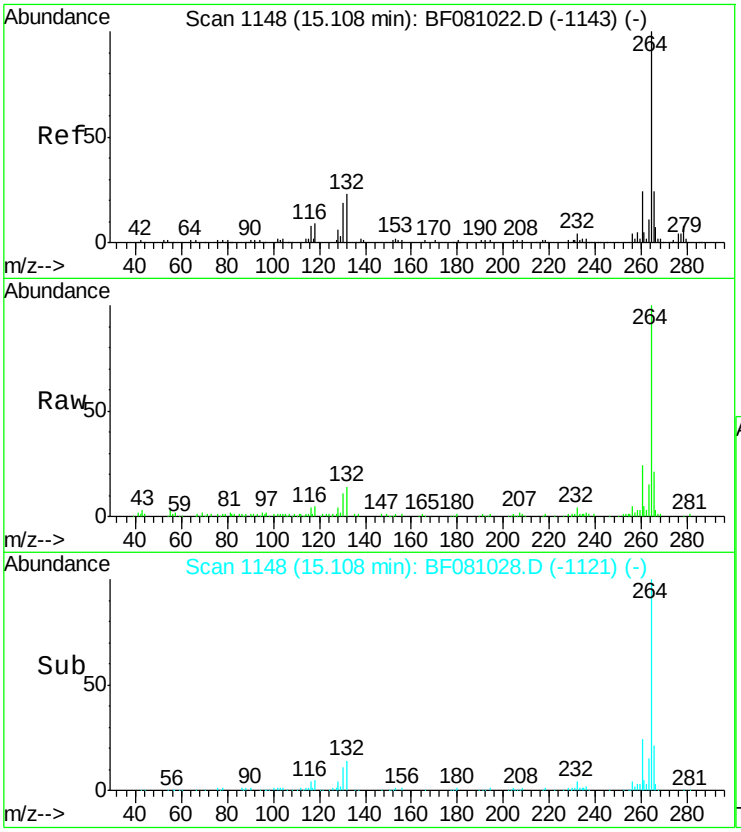


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.57 ng
RT: 16.33 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:276 Resp: 33400

Ion	Ratio	Lower	Upper
276	100		
138	30.0	18.6	28.0#
277	28.1	19.8	29.8



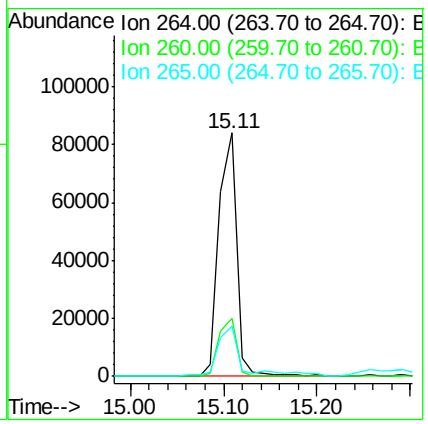


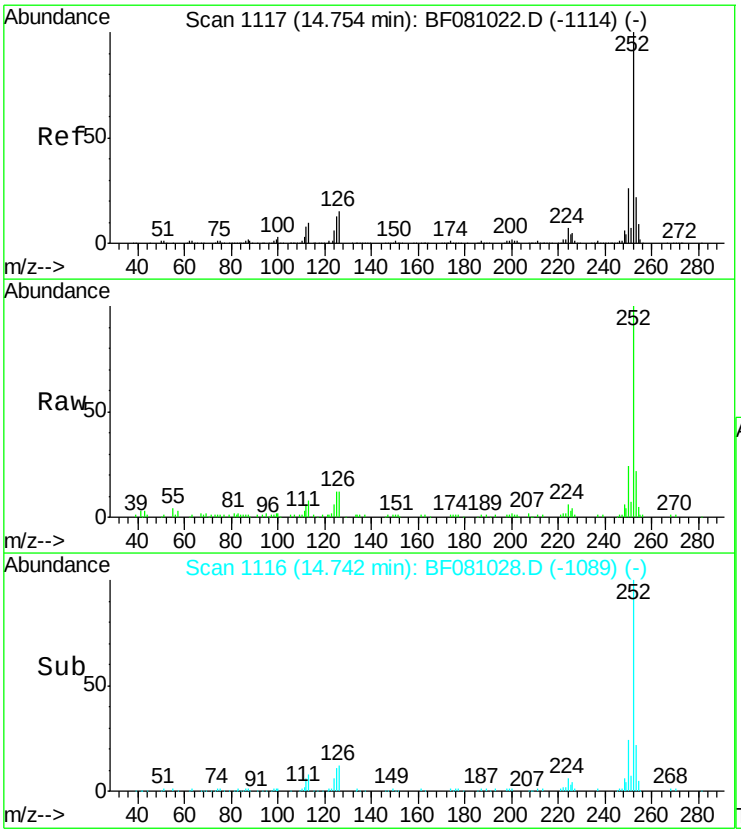
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:264 Resp: 111674

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.6	17.5	26.3

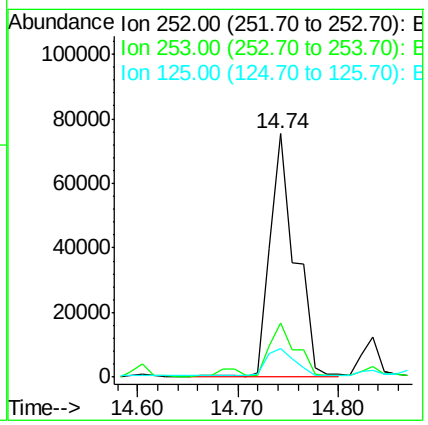


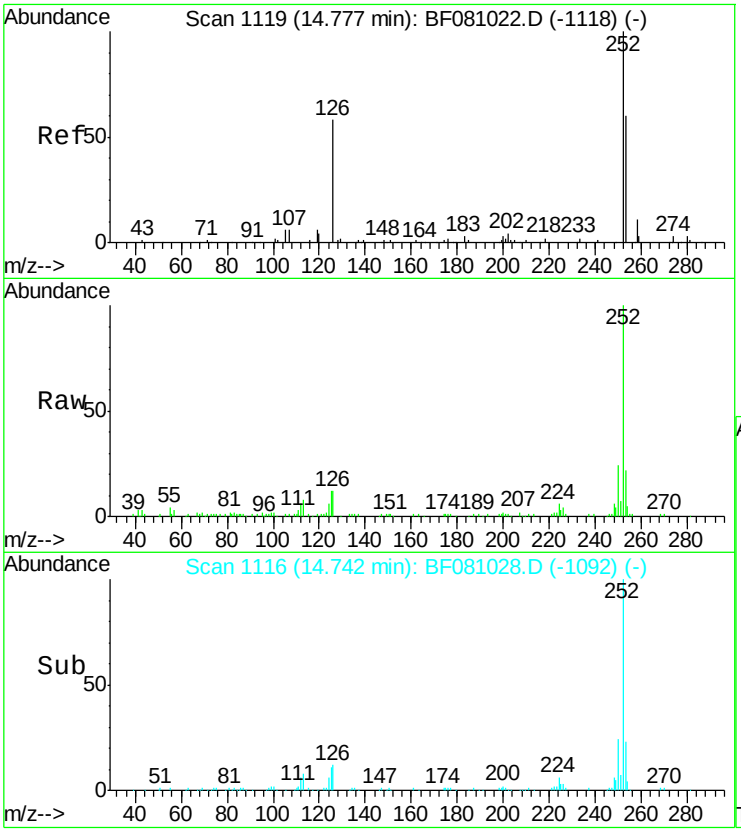


#87
Benzo(b)fluoranthene
Concen: 16.87 ng
RT: 14.74 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:252 Resp: 133296

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.6	8.0	12.0



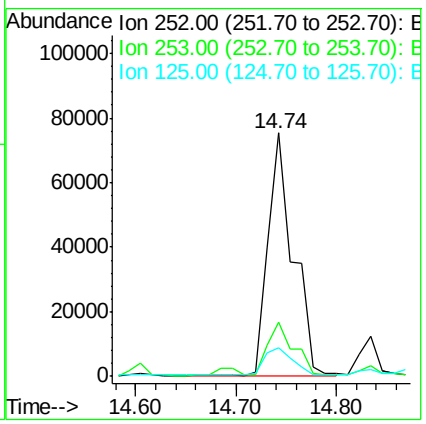


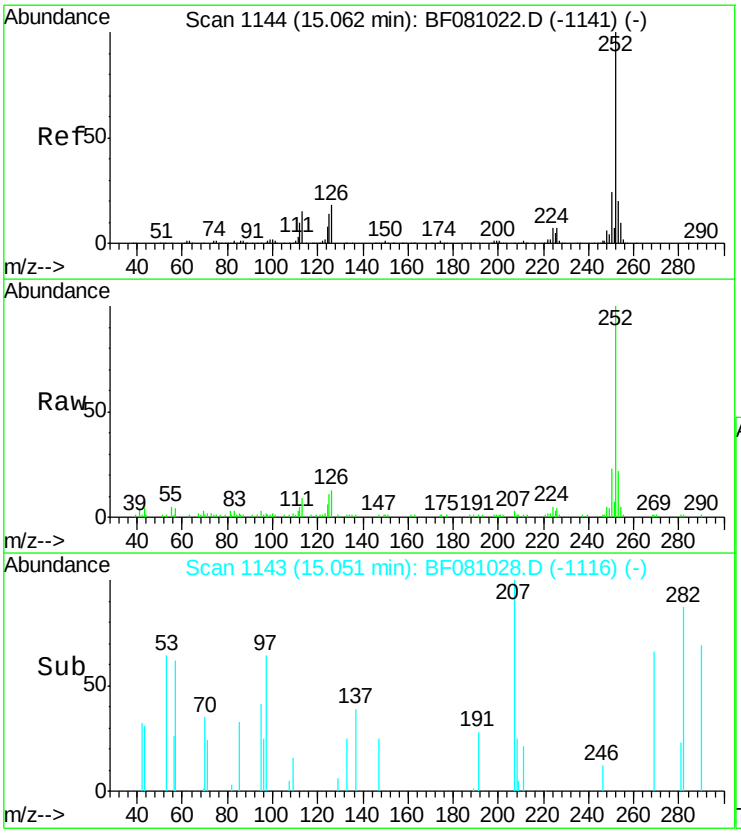
#88
Benzo(k)fluoranthene
Concen: 18.11 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:252 Resp: 133296

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.6	10.3	15.5

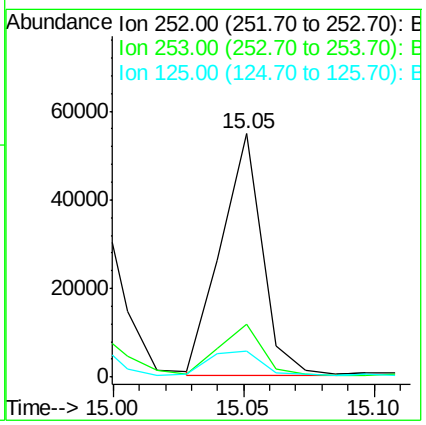


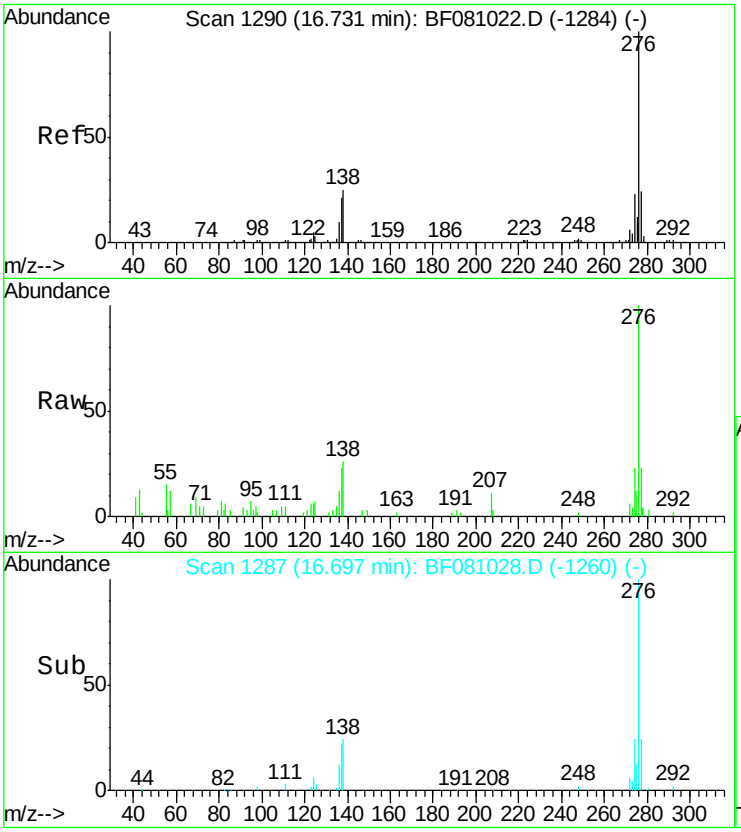


#89
Benzo(a)pyrene
Concen: 8.85 ng
RT: 15.05 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Tgt Ion:252 Resp: 60892

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	10.9	7.8	11.8





#91
Benzo(g,h,i)perylene
Concen: 5.40 ng
RT: 16.70 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF081028.D
Acq: 18 Aug 2015 4:17

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

Tgt Ion:276 Resp: 29389

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.2	27.2
138	25.7	13.7	20.5#