Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2in)

Quant Time: Jul 19 03:15:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	53327	20.00	ng		-0.07
21) Naphthalene-d8	7.93	136	208901	20.00	ng		-0.07
38) Acenaphthene-d10	9.68	164	75022	20.00	ng		-0.07
63) Phenanthrene-d10	11.15	188	116356	20.00	ng		-0.07
75) Chrysene-d12	13.77	240	99183	20.00	ng		-0.08
86) Perylene-d12	15.13	264	83684	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	179618	50.48	ng		-0.06
7) Phenol-d6	6.30	99	256658	55.82	ng		-0.06
23) Nitrobenzene-d5	7.21	82	146790	36.82	ng		-0.07
41) 2,4,6-Tribromophenol	10.46	330	28340	40.68	ng		-0.08
44) 2-Fluorobiphenyl	9.00	172	256466	54.00	ng		-0.07
78) Terphenyl-d14	12.73	244	130489	29.30	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	19375	6.27	ng	#	69
49) Dimethylphthalate	9.40	163	64931	12.15	ng		99
56) 2,4-Dinitrotoluene	9.68	165	9825	6.34	ng	#	36
70) Phenanthrene	11.18	178	68950	10.84	ng		97
71) Anthracene	11.22	178	26653	4.21	ng		99
74) Fluoranthene	12.35	202	160209	24.85	ng		100
77) Pyrene	12.58	202	171409	20.38	ng		98
79) Butylbenzylphthalate	13.21	149	25572	6.82	ng	#	81
80) Benzo(a)anthracene	13.76	228	100449	15.73	ng		95
82) Chrysene	13.76	228	100449	15.90	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	28372	6.62	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.39	276	40199	8.27	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	147796	28.15	ng	#	93
88) Benzo(k)fluoranthene	14.77	252	147796	32.34	ng		98
89) Benzo(a)pyrene	15.03	252	56972	12.82	ng		97
91) Benzo(g,h,i)perylene	16.77	276	42838	11.15	ng		98

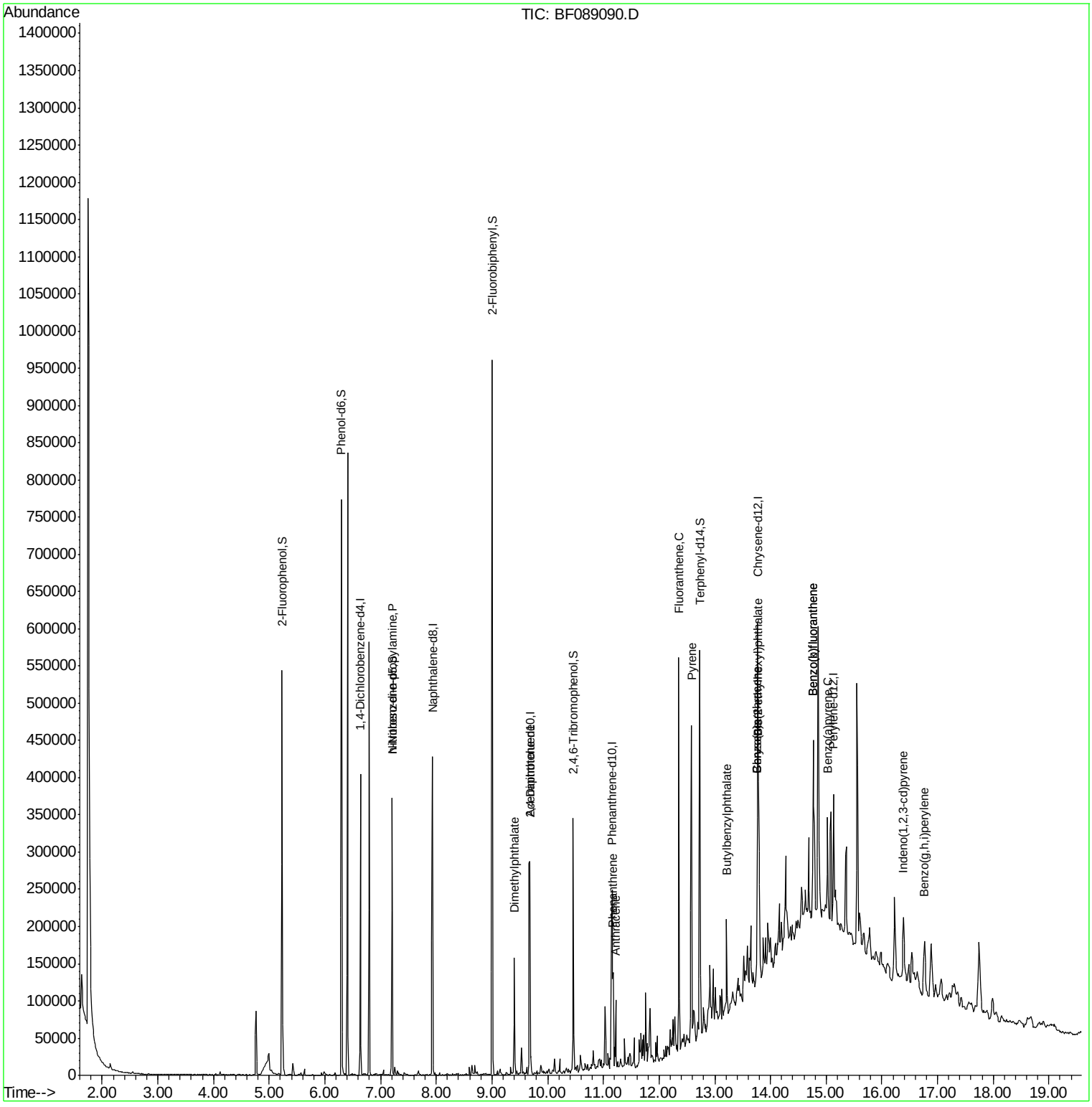
(#) = qualifier out of range (m) = manual integration (+) = signals summed

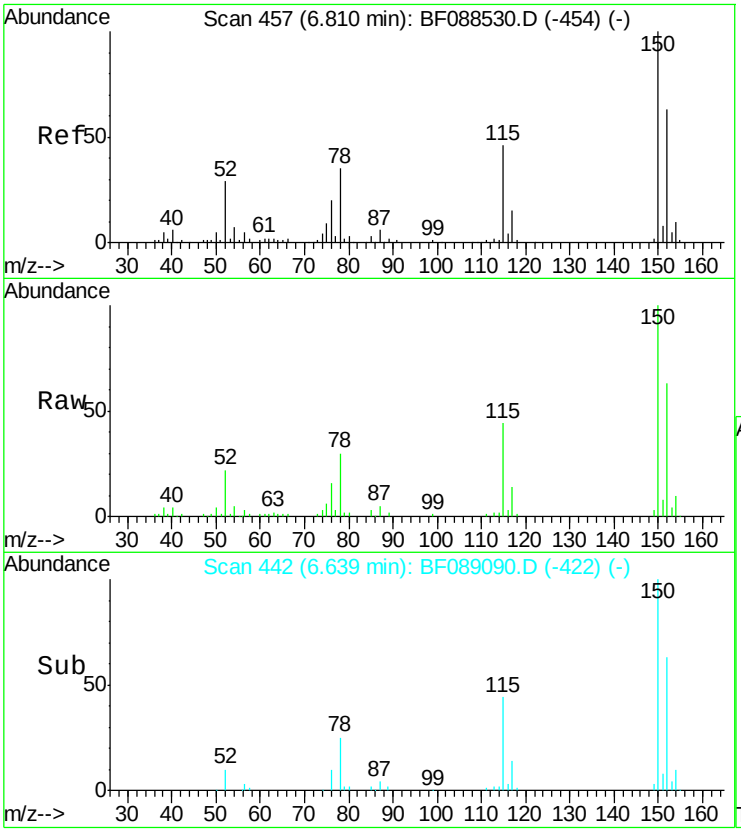
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089090.D
Acq On : 18 Jul 2016 19:10
Operator : UM/SJ
Sample : H3951-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Quant Time: Jul 19 03:15:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



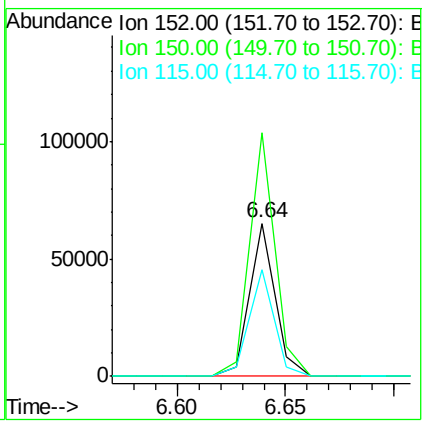


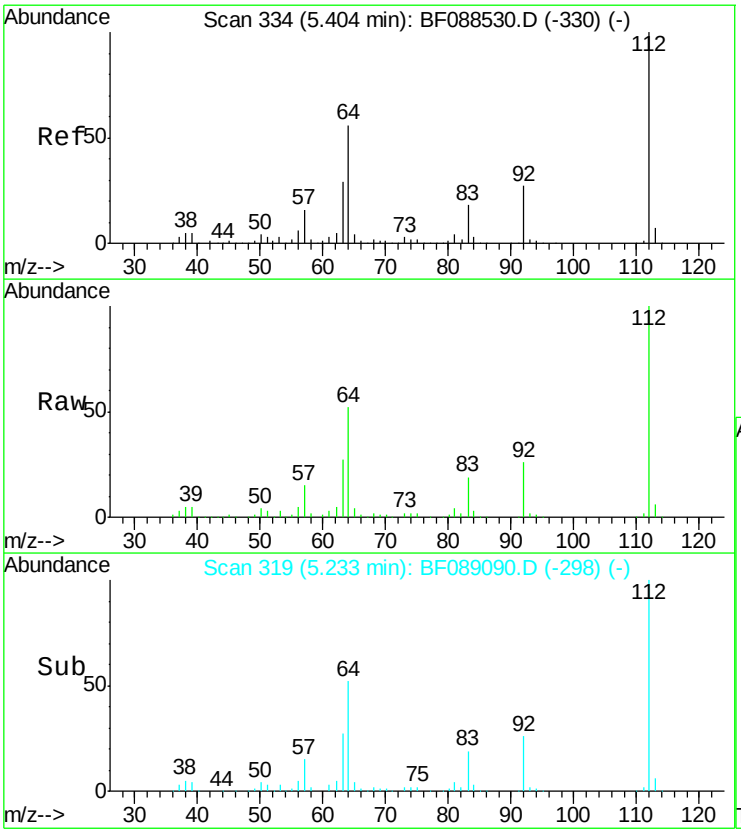
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:152 Resp: 53327

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	69.3	39.6	59.4#

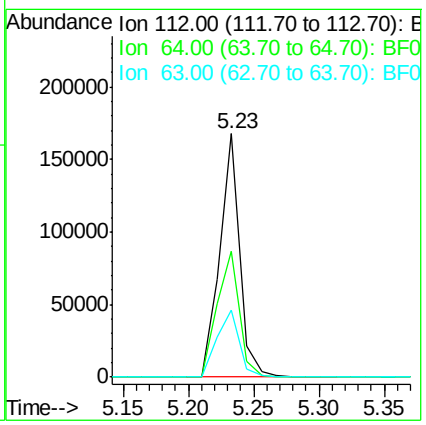


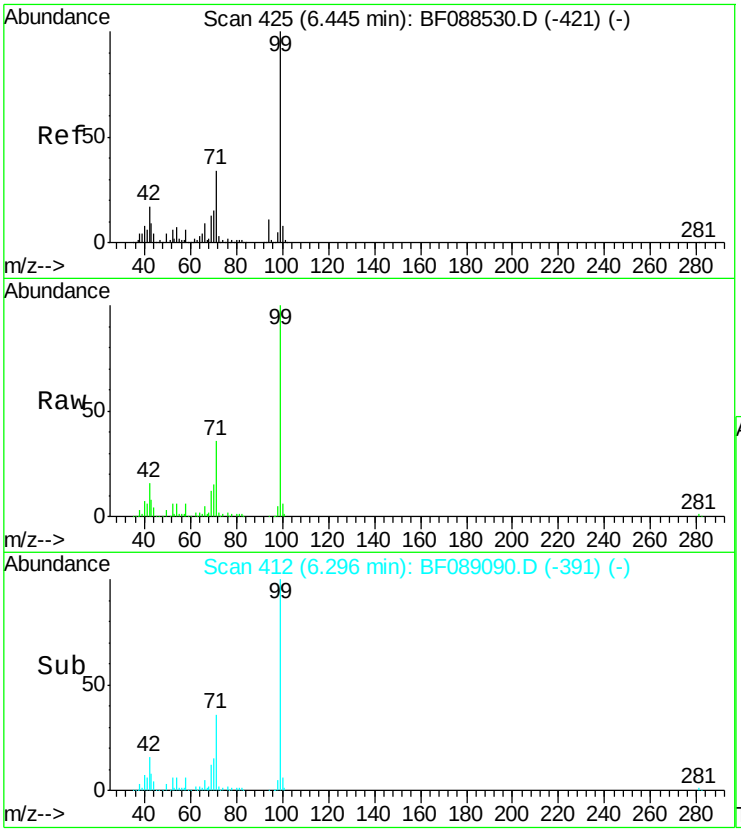


#5
2-Fluorophenol
Concen: 50.48 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.06 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:112 Resp: 179618

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.2	63.2
63	27.3	21.8	32.8



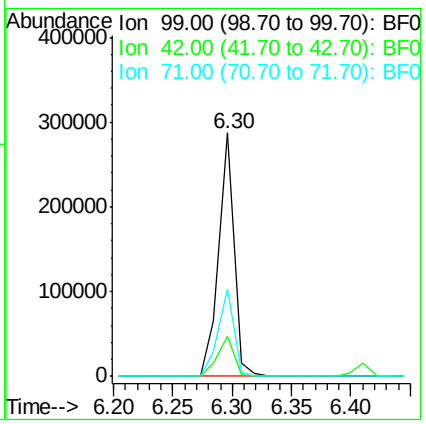


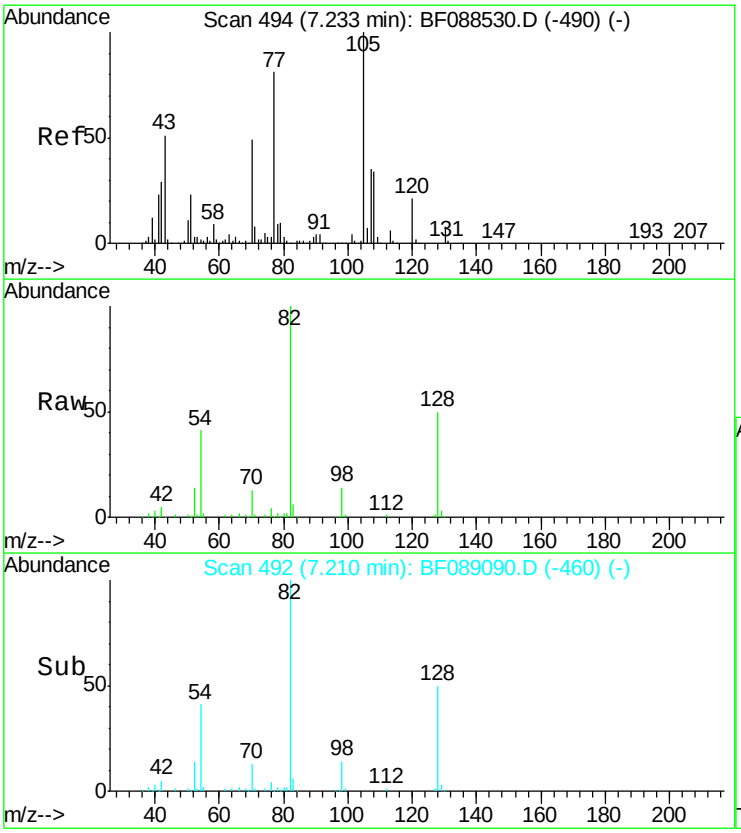
#7
Phenol-d6
Concen: 55.82 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion: 99 Resp: 256658

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.2	18.2
71	36.1	23.4	35.0#

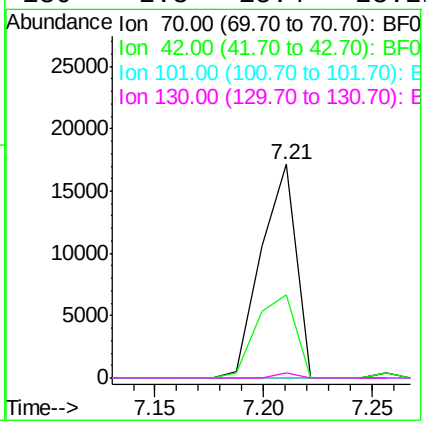


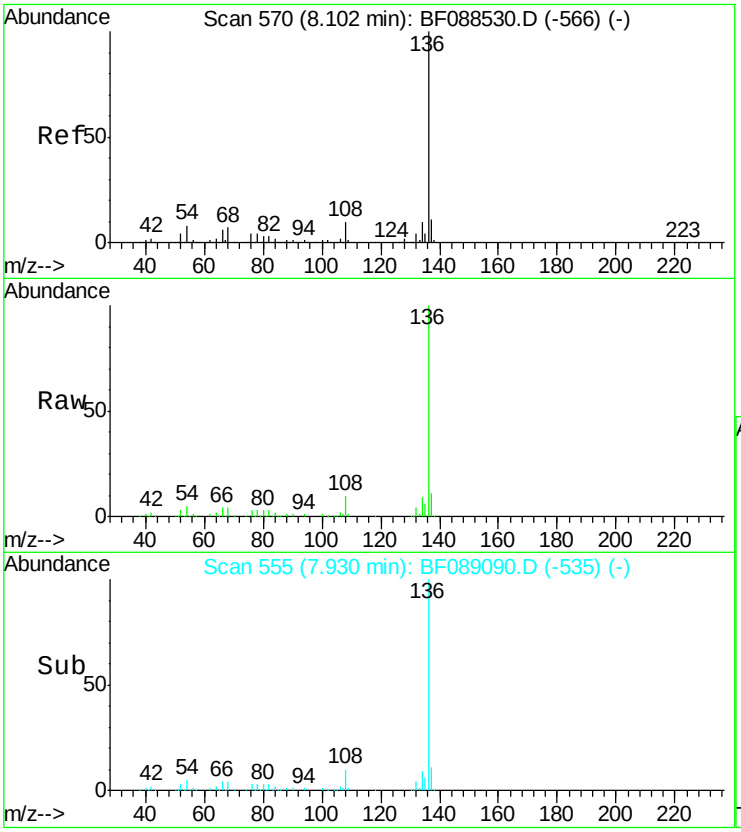


#19
n-Nitroso-di-n-propylamine
Concen: 6.27 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion: 70 Resp: 19375

Ion	Ratio	Lower	Upper
70	100		
42	39.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



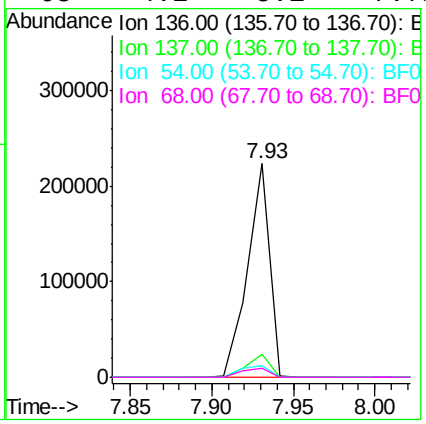


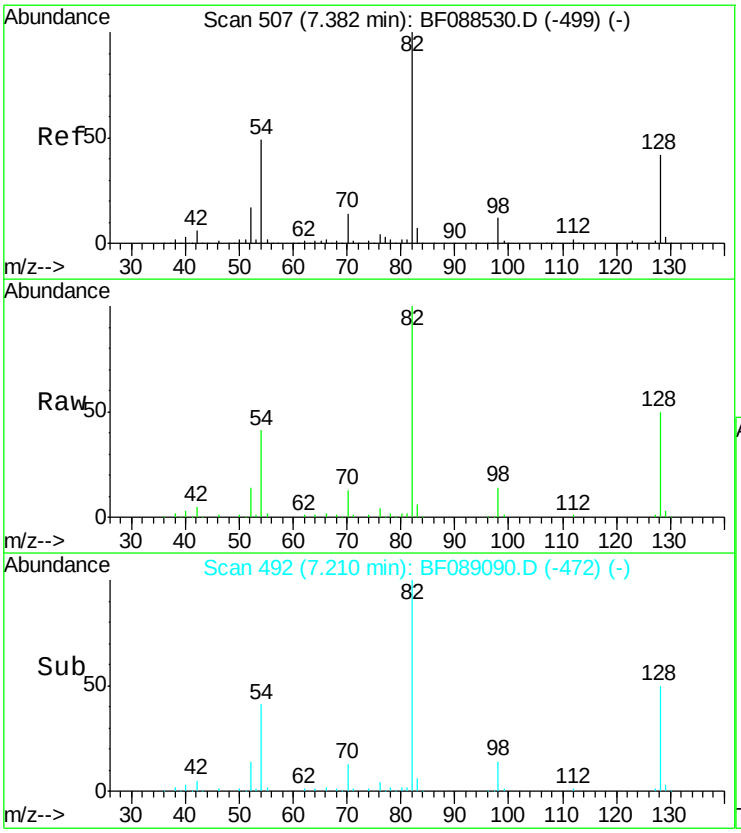
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:136 Resp: 208901

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.3	6.6	10.0#
68	4.2	5.1	7.7#

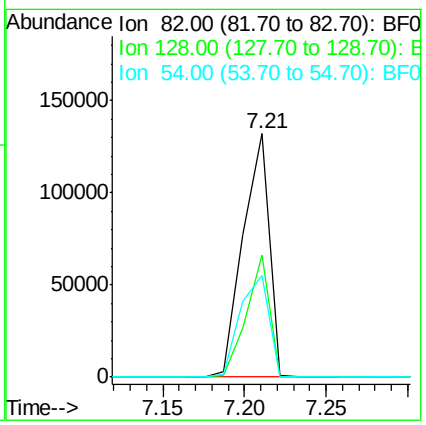


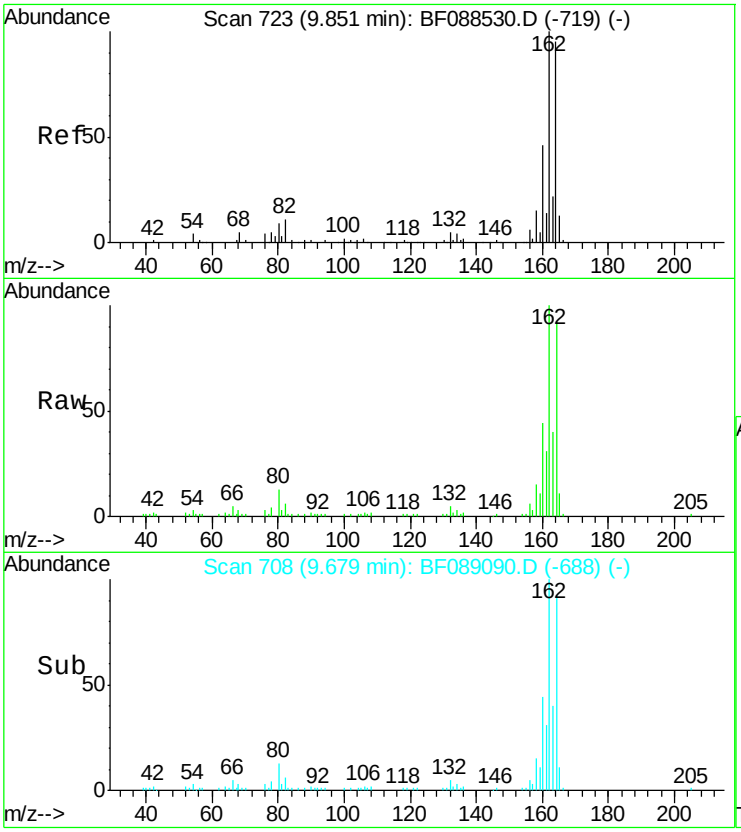


#23
Nitrobenzene-d5
Concen: 36.82 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion: 82 Resp: 146790

Ion	Ratio	Lower	Upper
82	100		
128	50.3	35.9	53.9
54	41.5	40.9	61.3



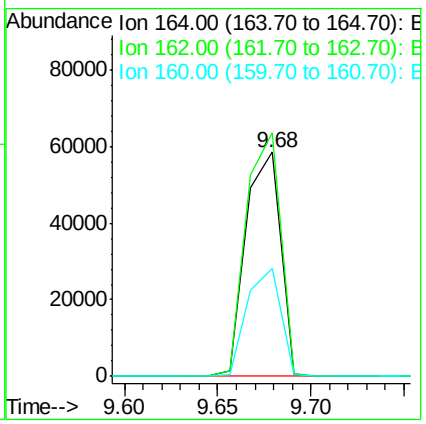


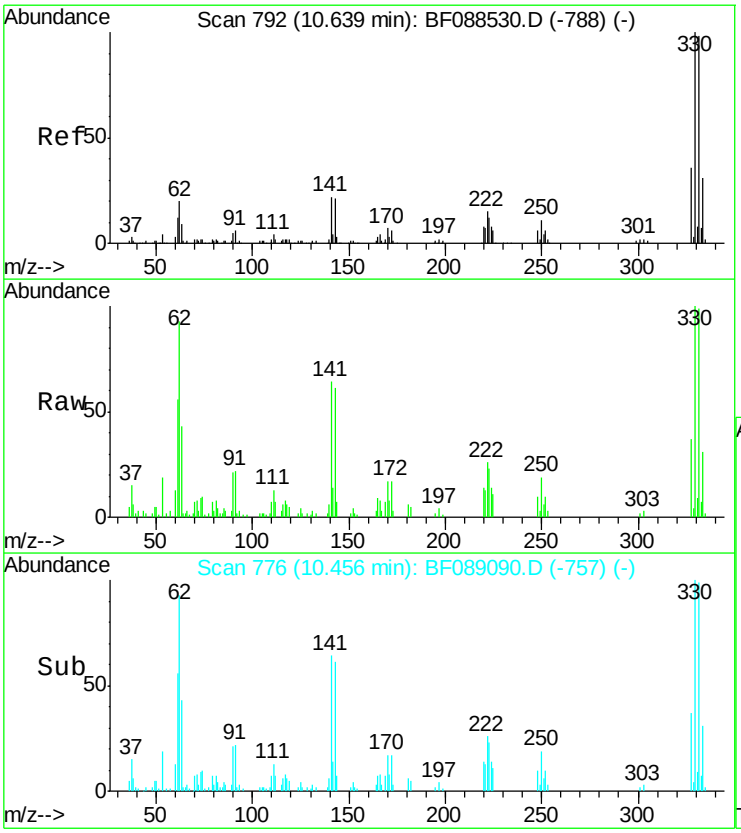
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:164 Resp: 75022

Ion	Ratio	Lower	Upper
164	100		
162	108.7	85.4	128.2
160	48.3	39.5	59.3

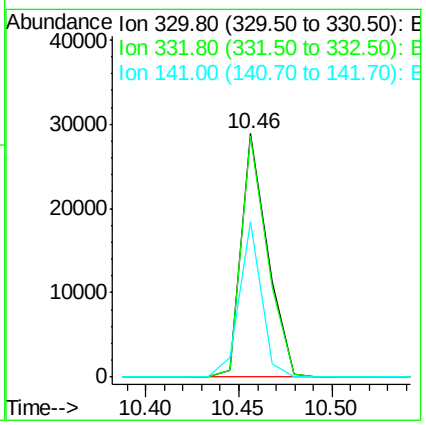


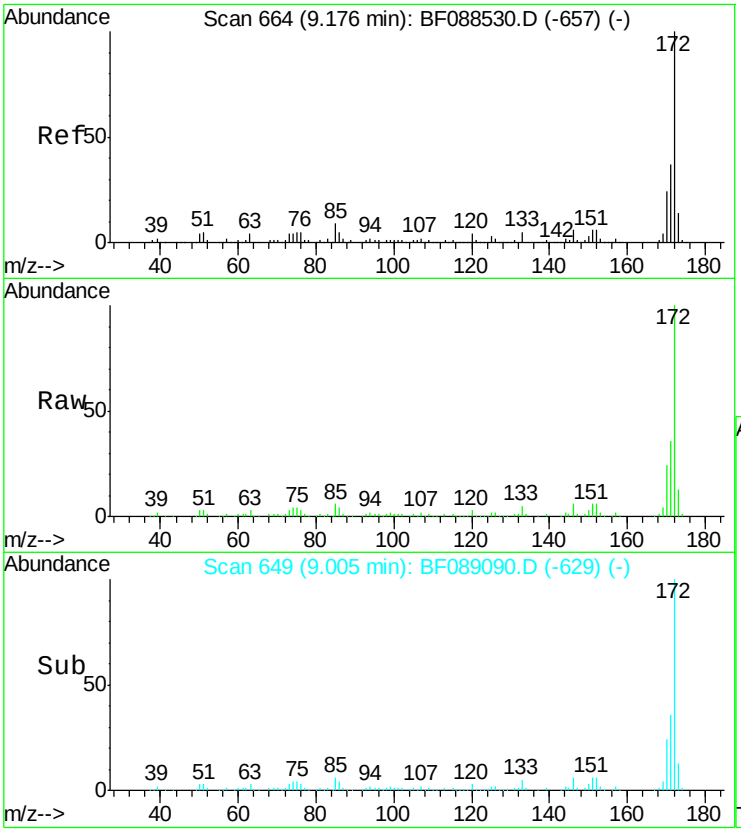


#41
2,4,6-Tribromophenol
Concen: 40.68 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.08 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:330 Resp: 28340

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	54.0	0.0	0.0#



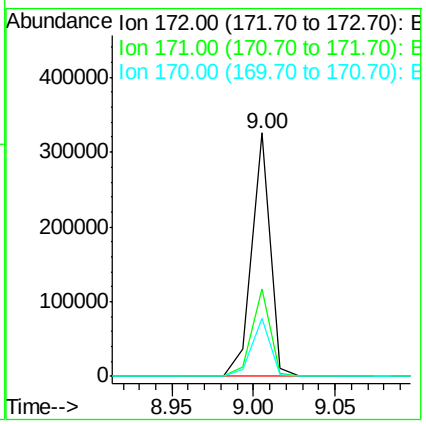


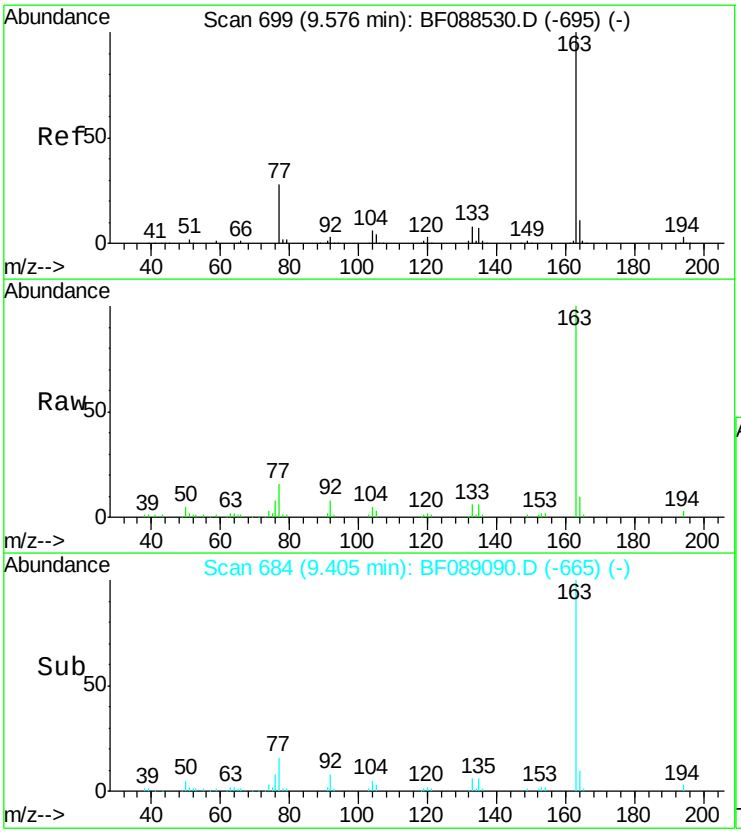
#44
2-Fluorobiphenyl
Concen: 54.00 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:172 Resp: 256466

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.6	19.2	28.8

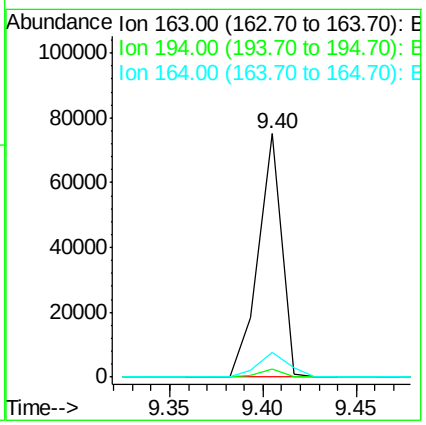


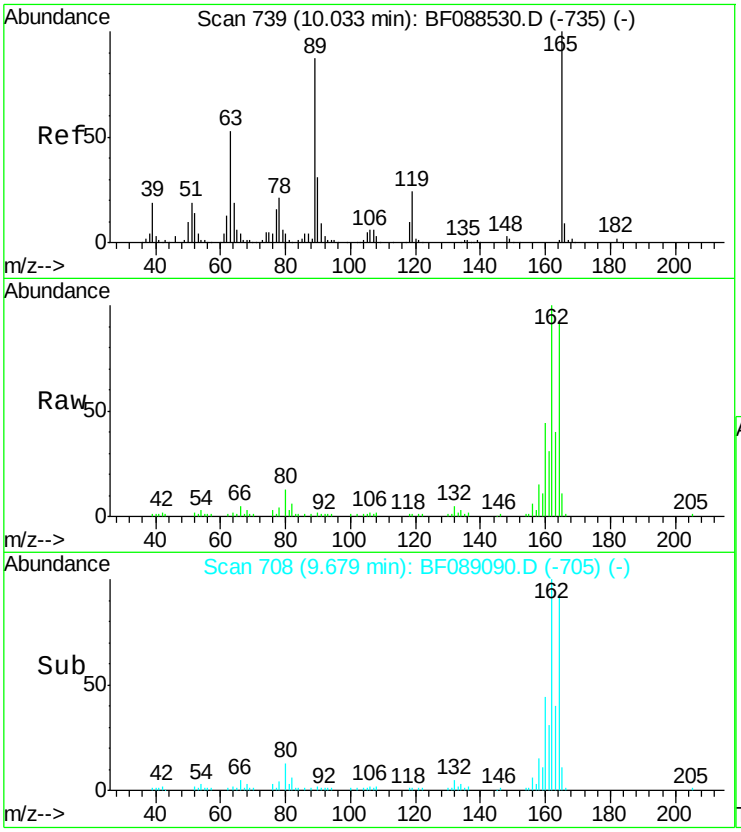


#49
Dimethylphthalate
Concen: 12.15 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.08 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:163 Resp: 64931

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.2	8.3	12.5



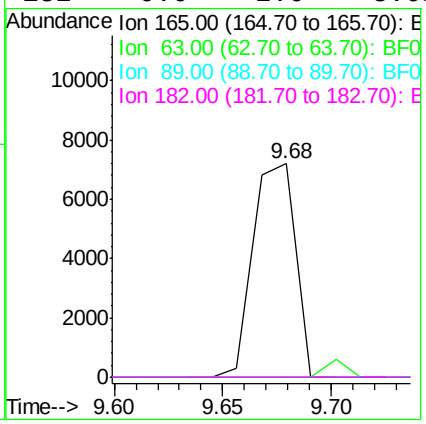


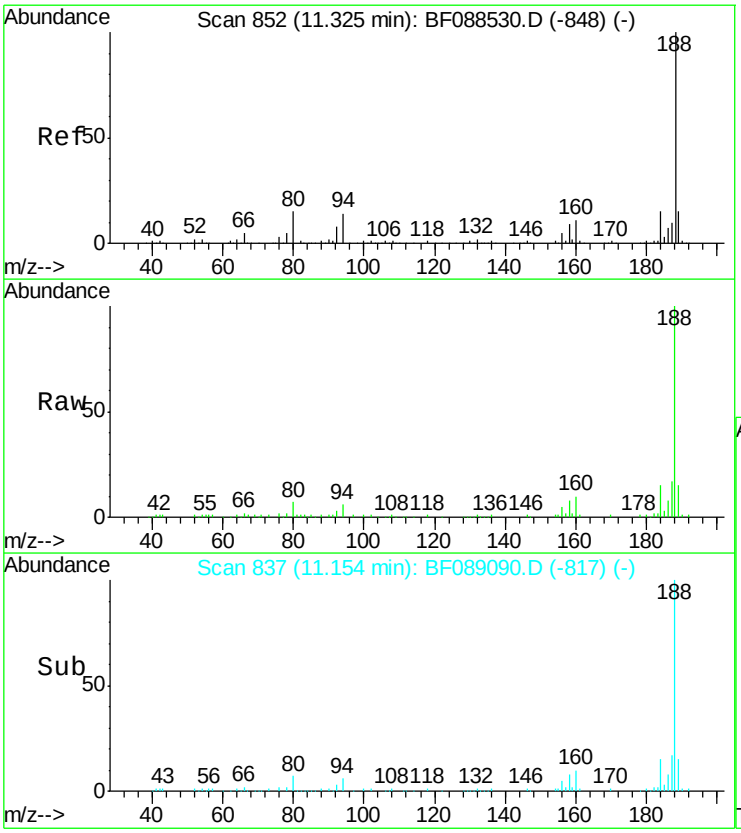
#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.26 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:165 Resp: 9825

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

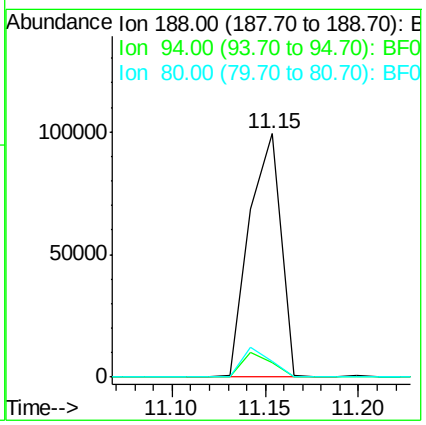


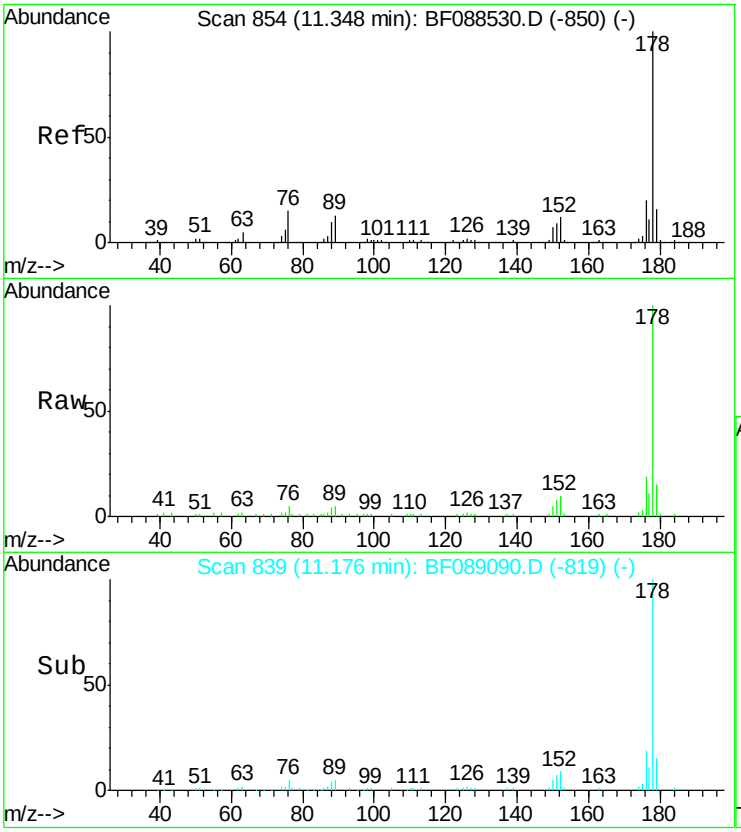


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:188 Resp: 116356

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.6#
80	6.5	10.0	15.0#



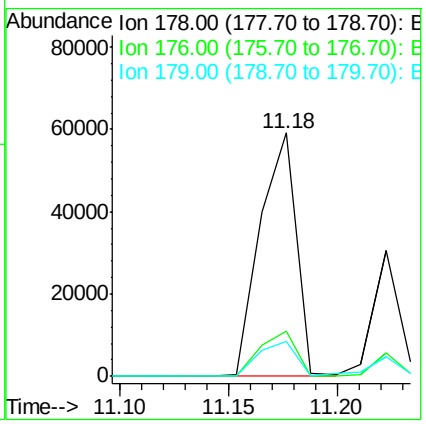


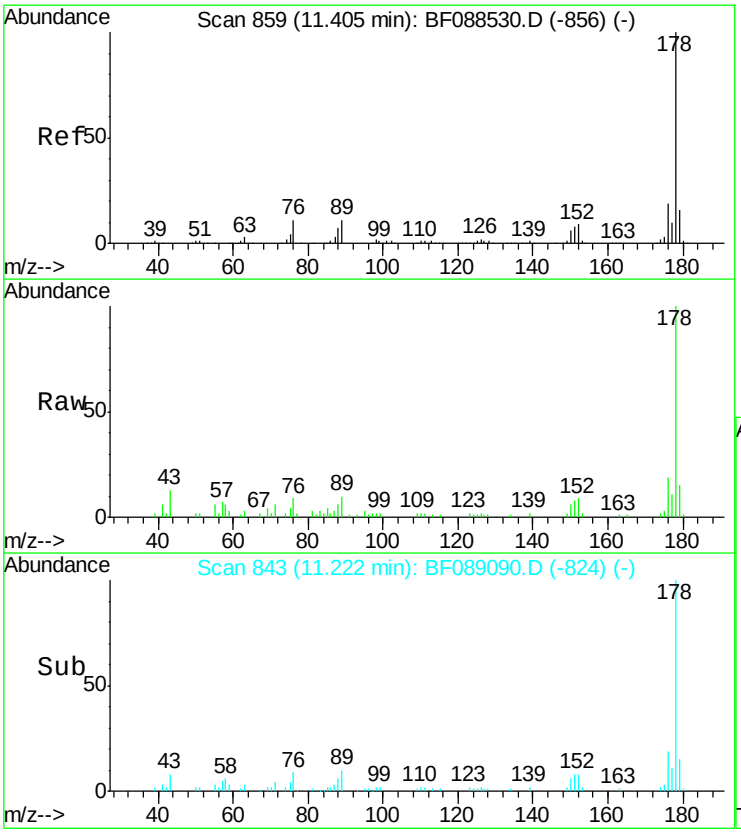
#70
Phenanthrene
Concen: 10.84 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:178 Resp: 68950

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	14.5	13.0	19.4

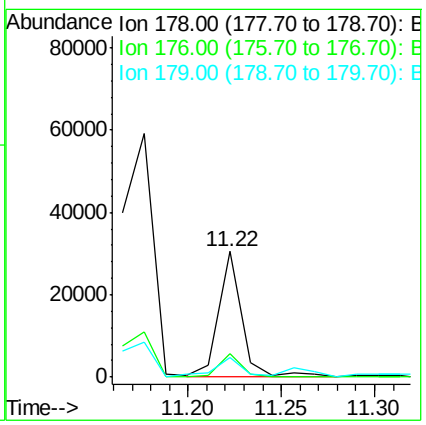


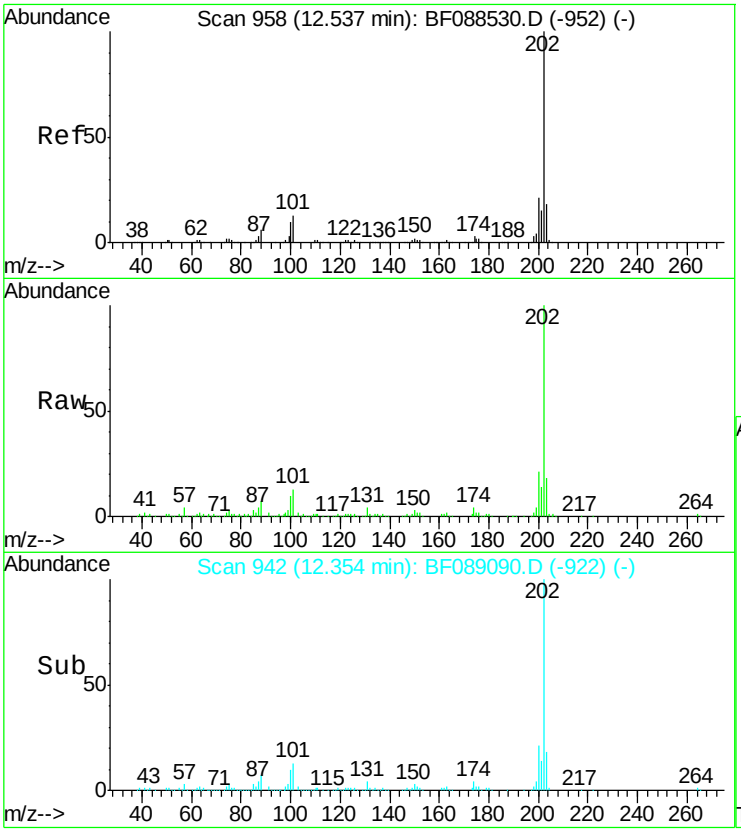


#71
Anthracene
Concen: 4.21 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:178 Resp: 26653

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.4	12.8	19.2



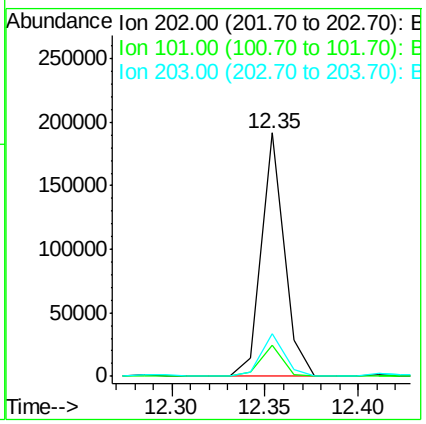


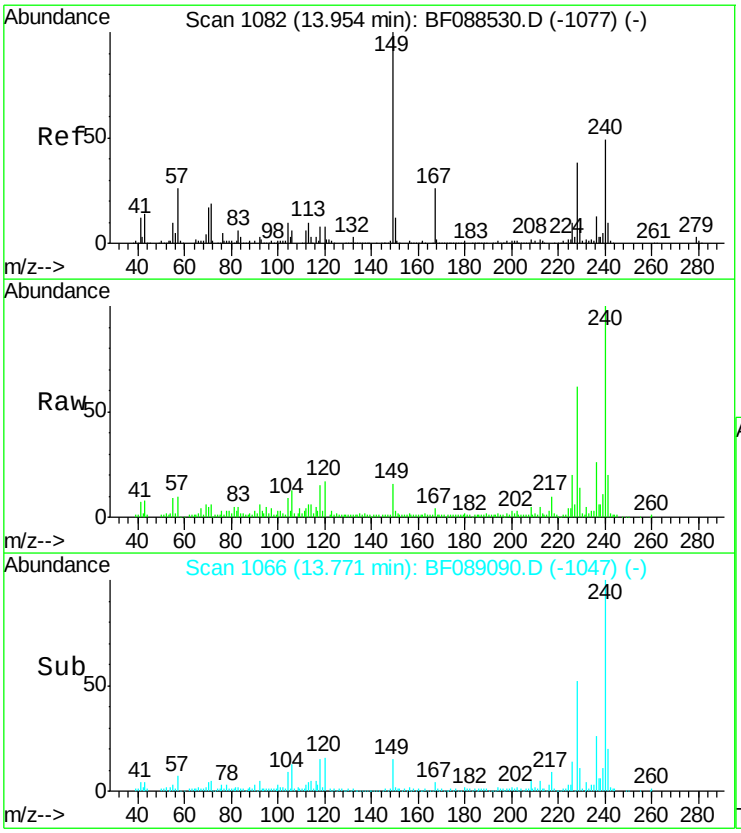
#74
Fluoranthene
Concen: 24.85 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:202 Resp: 160209

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.1
203	17.8	0.0	38.1

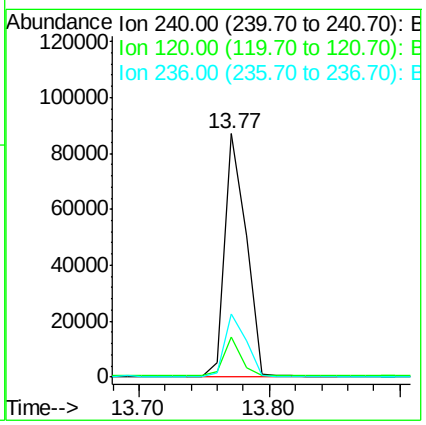


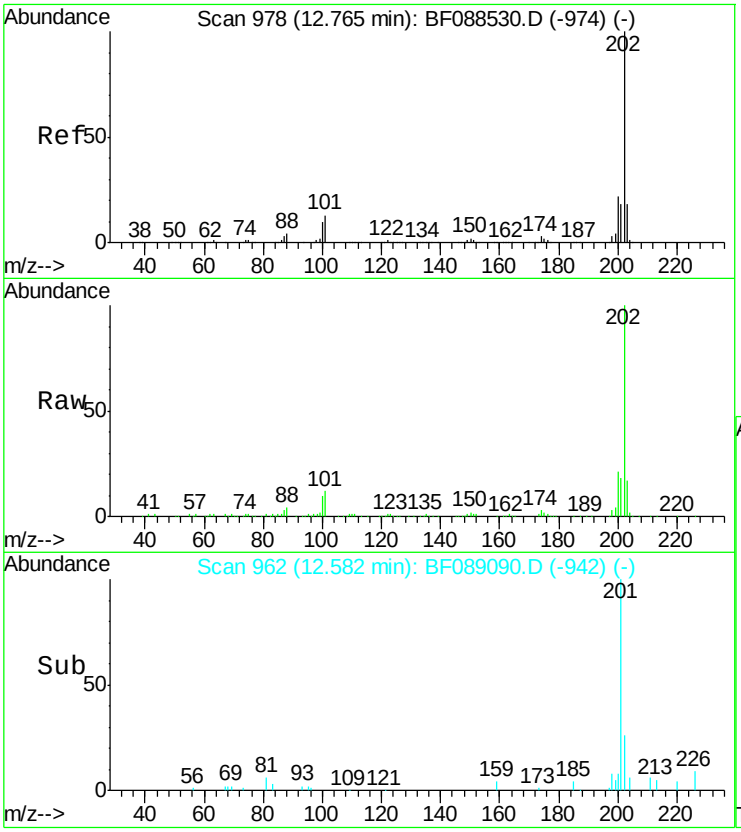


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.08 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:240 Resp: 99183

Ion	Ratio	Lower	Upper
240	100		
120	16.6	6.8	10.2#
236	26.0	20.2	30.2



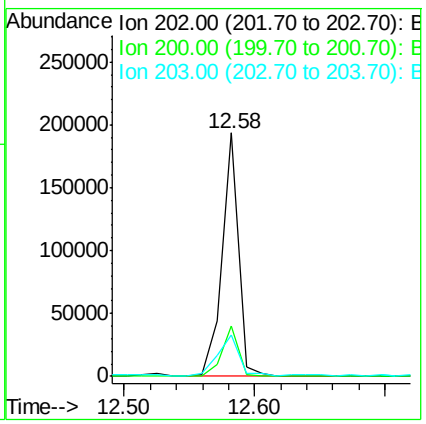


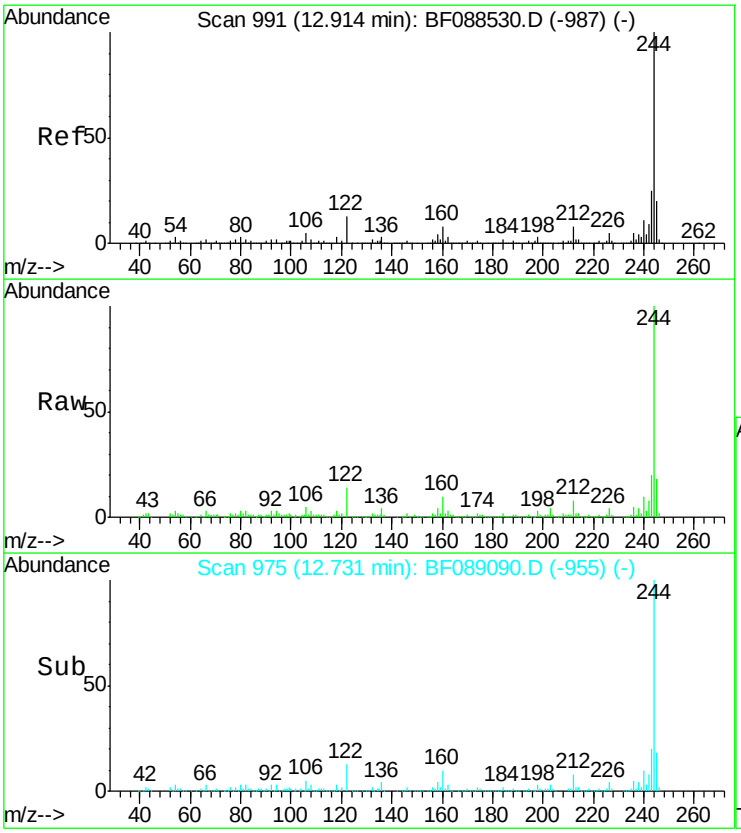
#77
Pyrene
Concen: 20.38 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:202 Resp: 171409

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.0	14.5	21.7

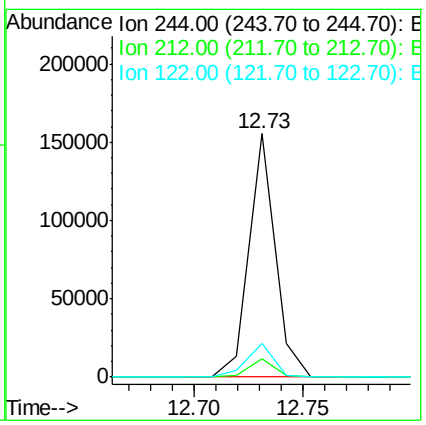


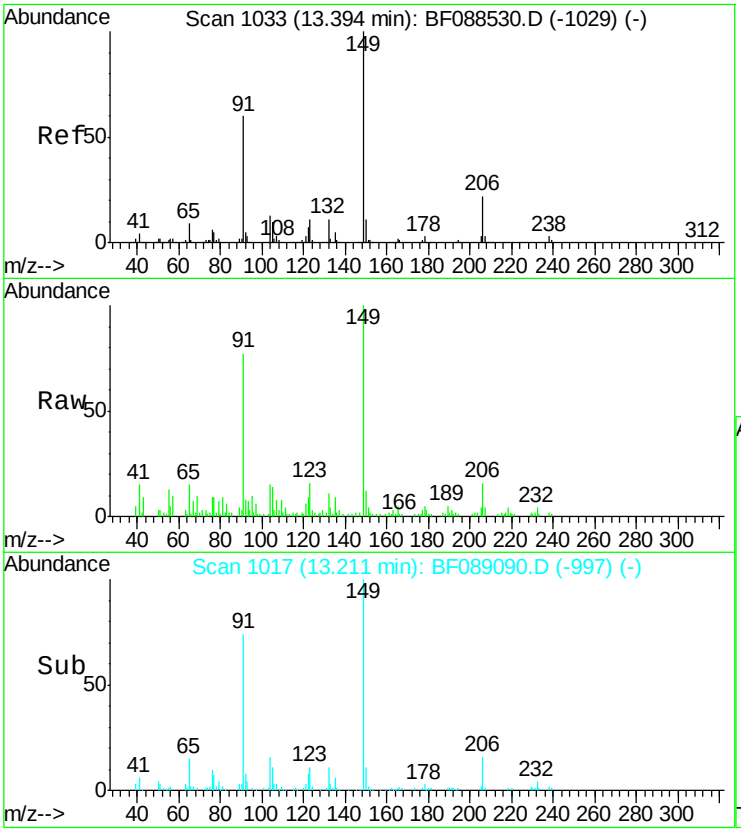


#78
Terphenyl-d14
Concen: 29.30 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:244 Resp: 130489

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.7	11.2	16.8



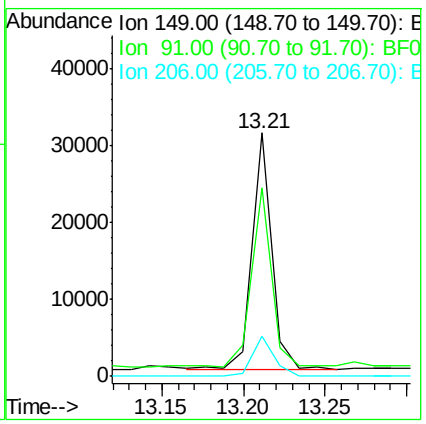


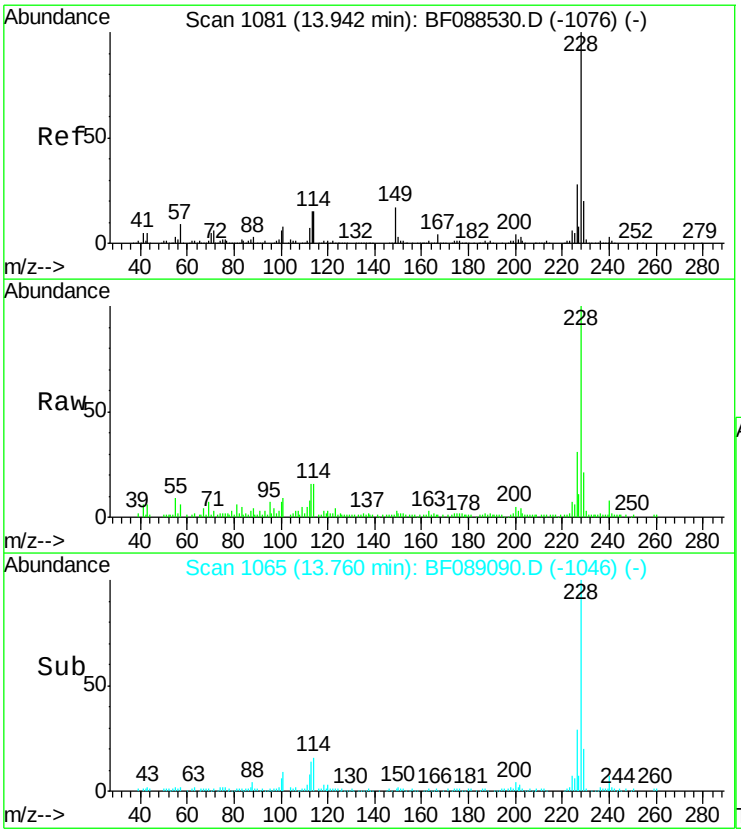
#79
Butylbenzylphthalate
Concen: 6.82 ng
RT: 13.21 min Scan# 1017
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:149 Resp: 25572

Ion	Ratio	Lower	Upper
149	100		
91	77.3	48.0	72.0#
206	16.4	16.0	24.0

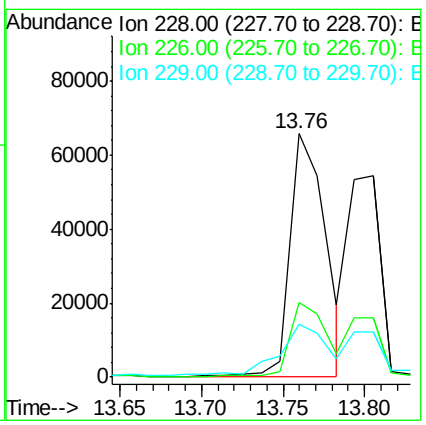


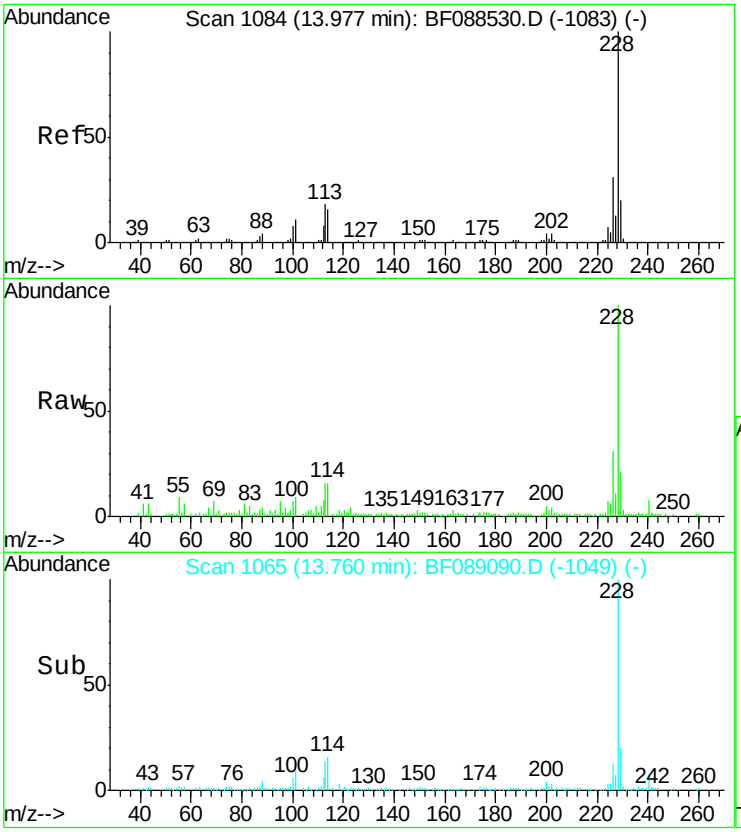


#80
Benzo(a)anthracene
Concen: 15.73 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:228 Resp: 100449

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.3	33.5
229	21.5	16.0	24.0



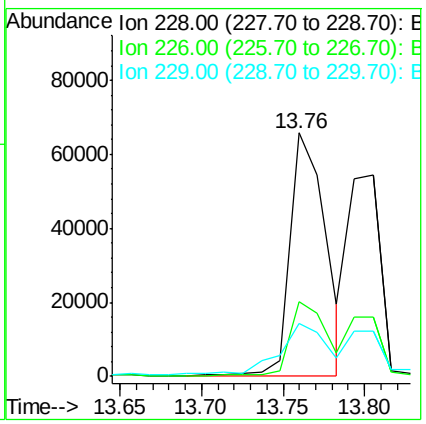


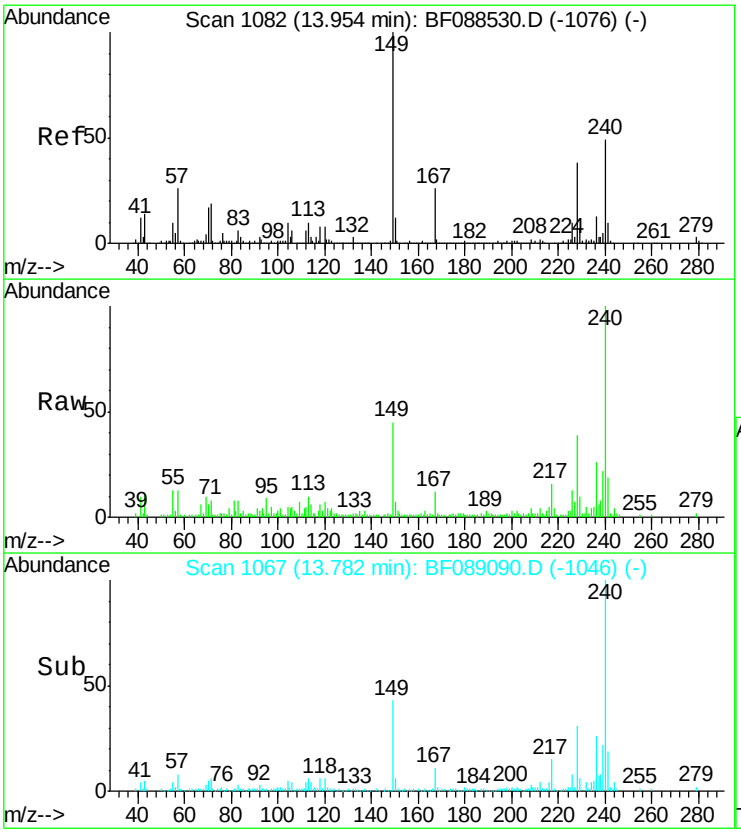
#82
Chrysene
Concen: 15.90 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.11 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:228 Resp: 100449

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.2
229	21.5	16.3	24.5

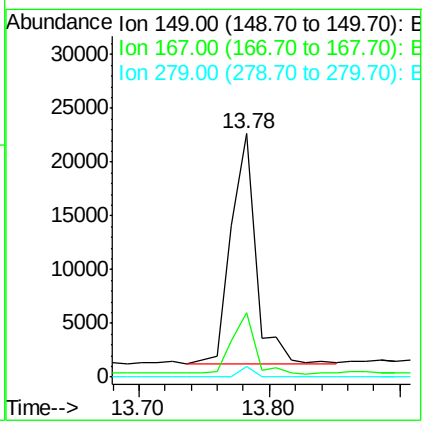


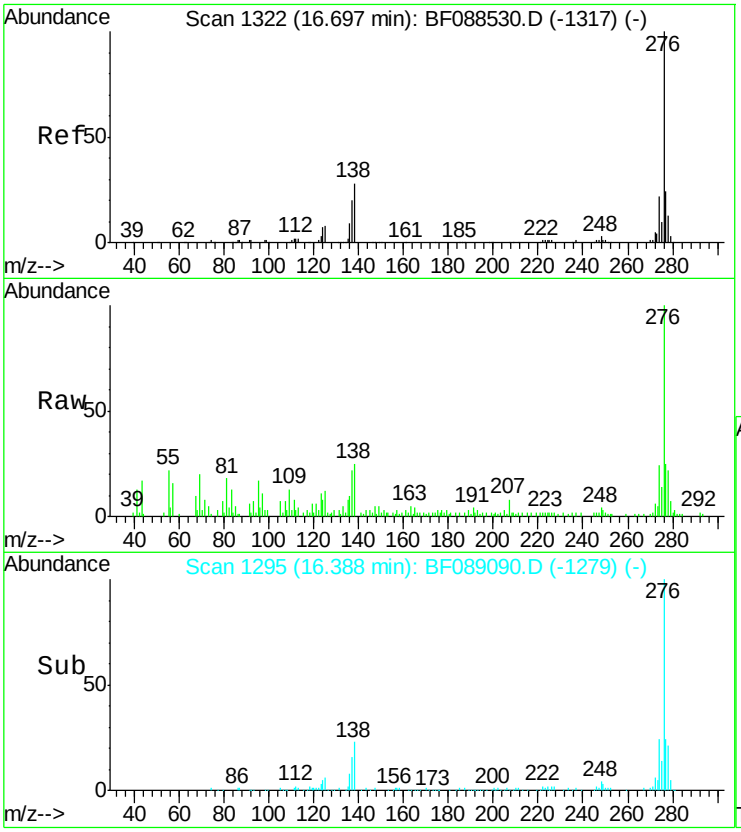


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.62 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.06 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:149 Resp: 28372

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.5	30.7
279	4.3	2.0	3.0#



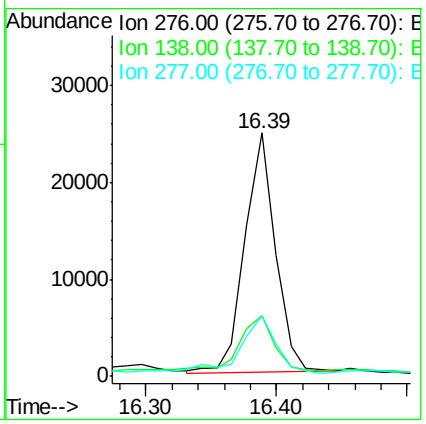


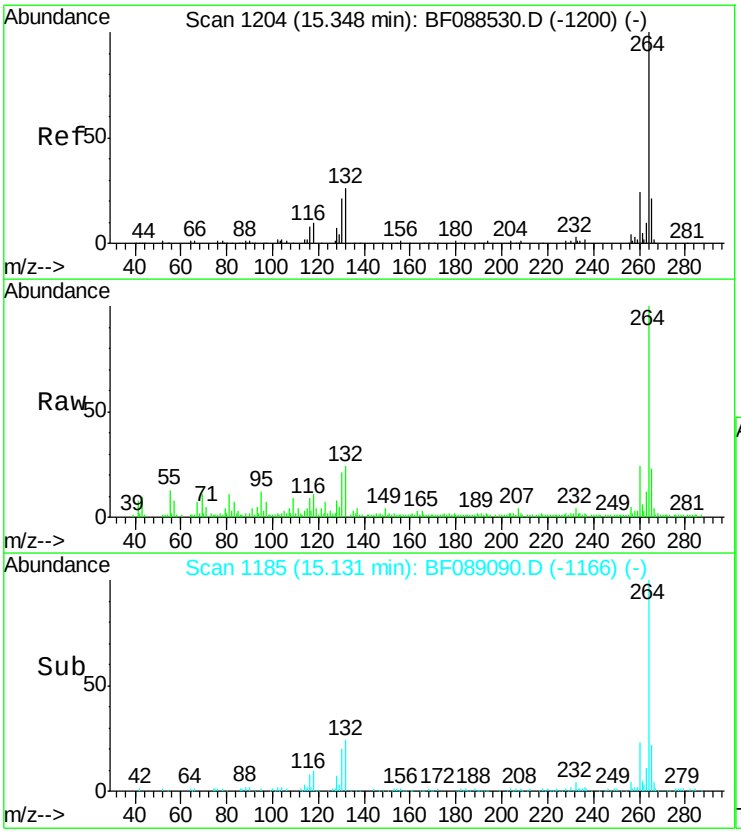
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.27 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:276 Resp: 40199

Ion	Ratio	Lower	Upper
276	100		
138	27.6	0.0	0.0#
277	28.9	0.0	0.0#

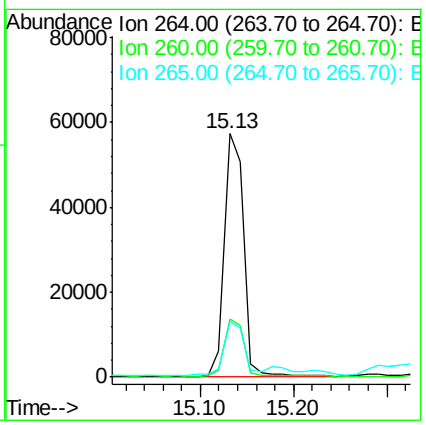


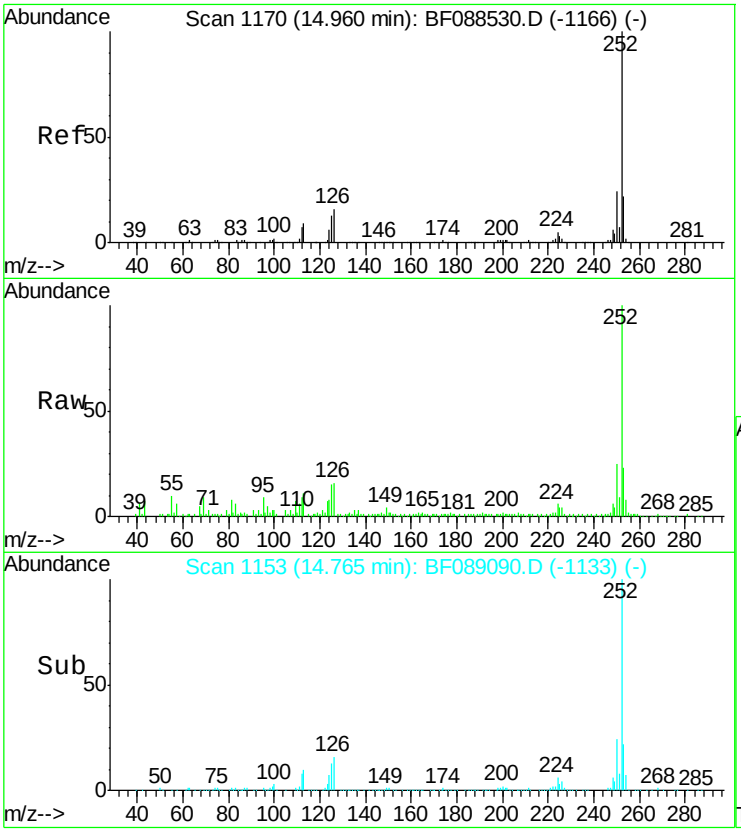


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:264 Resp: 83684

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.9	16.9	25.3



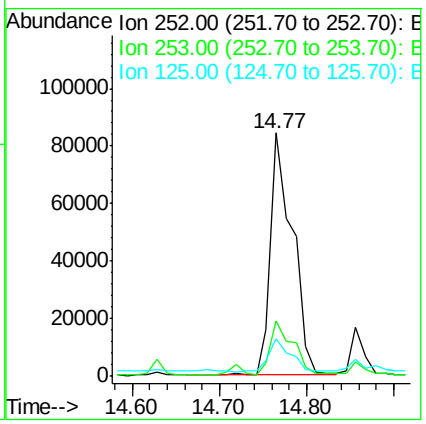


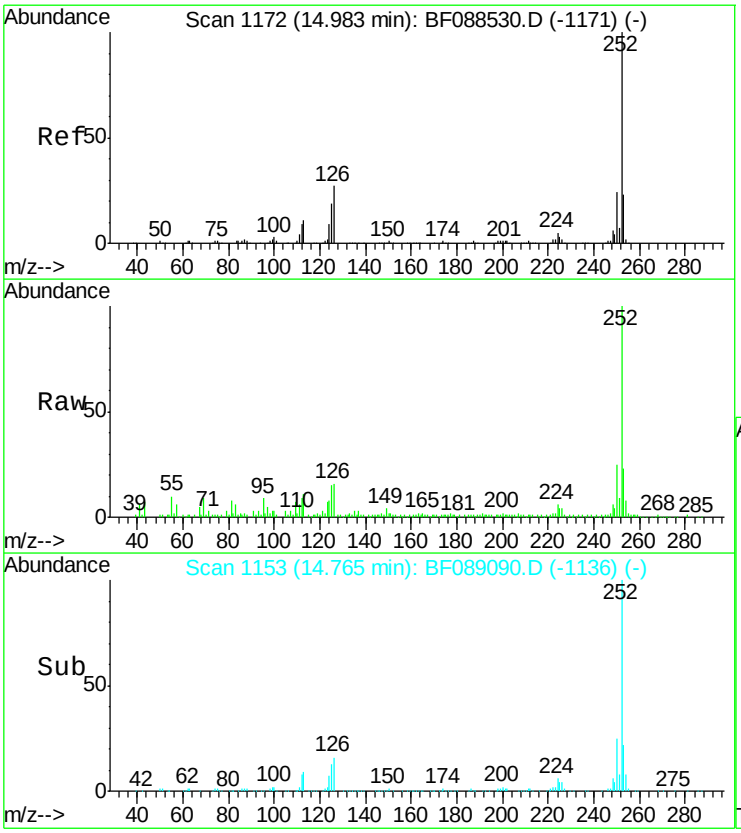
#87
Benzo(b)fluoranthene
Concen: 28.15 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:252 Resp: 147796

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	15.3	7.1	10.7#

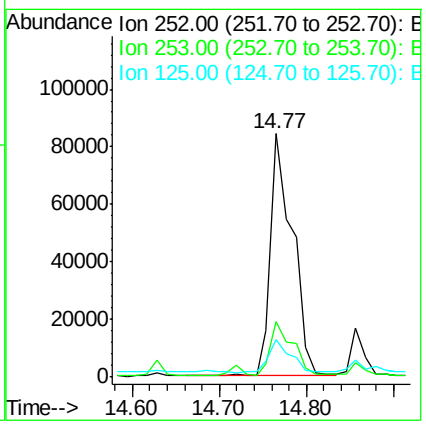


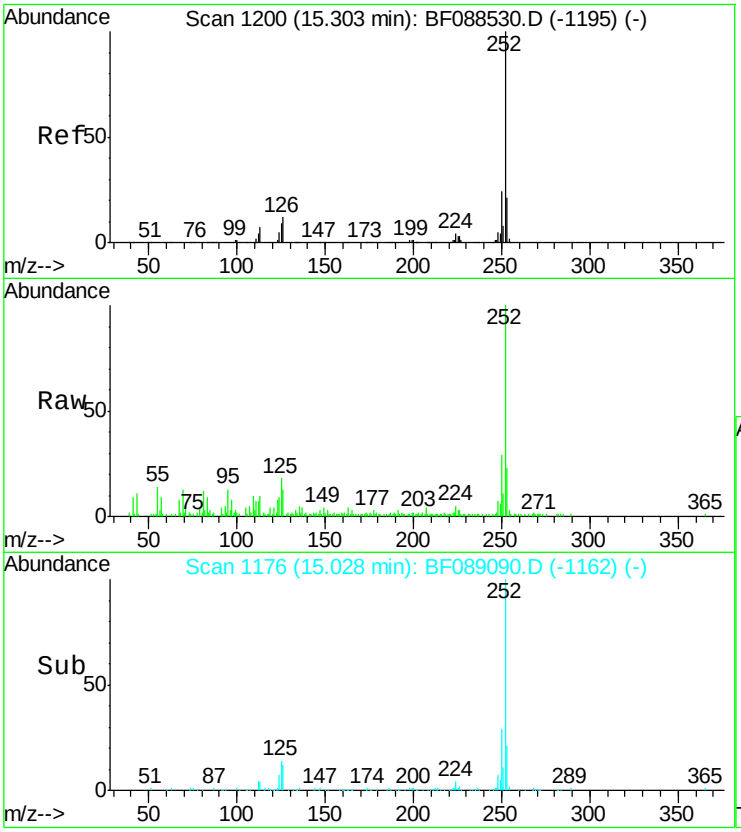


#88
Benzo(k)fluoranthene
Concen: 32.34 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:252 Resp: 147796

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.3	11.2	16.8



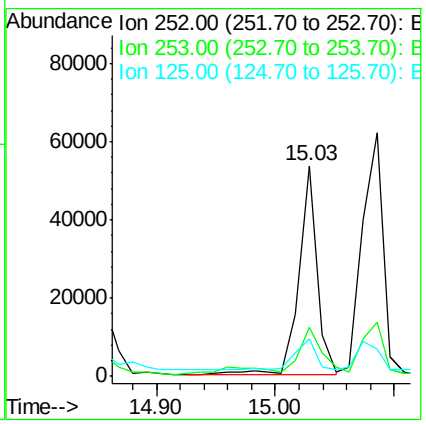


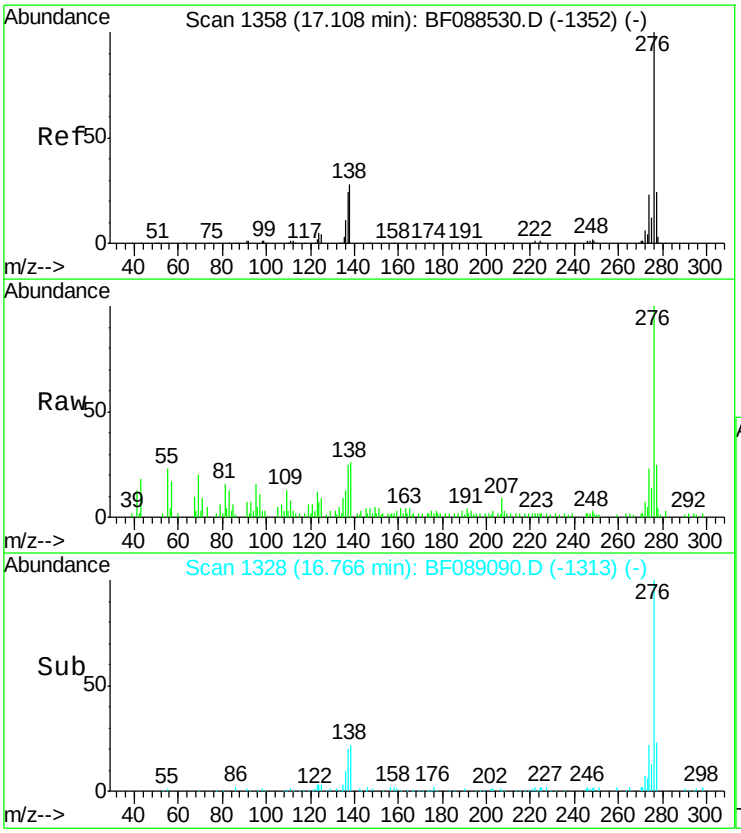
#89
Benzo(a)pyrene
Concen: 12.82 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.14 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2in)

Tgt Ion:252 Resp: 56972

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	17.8	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 11.15 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.13 min
Lab File: BF089090.D
Acq: 18 Jul 2016 19:10

Tgt Ion:276 Resp: 42838

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.9	28.3
138	25.8	21.4	32.2