Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF088997.D
Acq On : 14 Jul 2016 20:50
Operator : UM/SJ
Sample : H3996-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U2-B2(0-6)C

Quant Time: Jul 15 01:18:23 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	6.68	152	57856	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	201908	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	81760	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	134554	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	116348	20.00	ng		-0.03
86) Perylene-d12	15.18	264	90747	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	397872	103.06	ng		-0.01
7) Phenol-d6	6.34	99	612128	122.72	ng		-0.01
23) Nitrobenzene-d5	7.26	82	375691	97.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	72416	95.38	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	581993	112.44	ng		-0.02
78) Terphenyl-d14	12.78	244	374113	71.62	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	51239	15.29	ng	#	71
25) Isophorone	7.26	82	363644	50.95	ng	#	65
49) Dimethylphthalate	9.44	163	88766	15.24	ng		99
56) 2,4-Dinitrotoluene	9.71	165	10644	6.31	ng	#	36
66) 4-Bromophenyl-phenylether	10.50	248	6553	4.83	ng	#	1
74) Fluoranthene	12.40	202	29366	3.94	ng		93
77) Pyrene	12.62	202	29801	3.02	ng		98
80) Benzo(a)anthracene	13.81	228	16821	2.25	ng	#	92
82) Chrysene	13.81	228	16821	2.27	ng		97
83) Bis(2-ethylhexyl)phthalate	13.82	149	45134	8.98	ng		99
87) Benzo(b)fluoranthene	14.81	252	29218	5.13	ng	#	84
88) Benzo(k)fluoranthene	14.81	252	29218	5.90	ng	#	90
89) Benzo(a)pyrene	15.12	252	13898	2.88	ng	#	87
91) Benzo(g,h,i)perylene	16.83	276	8583	2.06	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF088997.D
Acq On : 14 Jul 2016 20:50
Operator : UM/SJ
Sample : H3996-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Quant Time: Jul 15 01:18:23 2016
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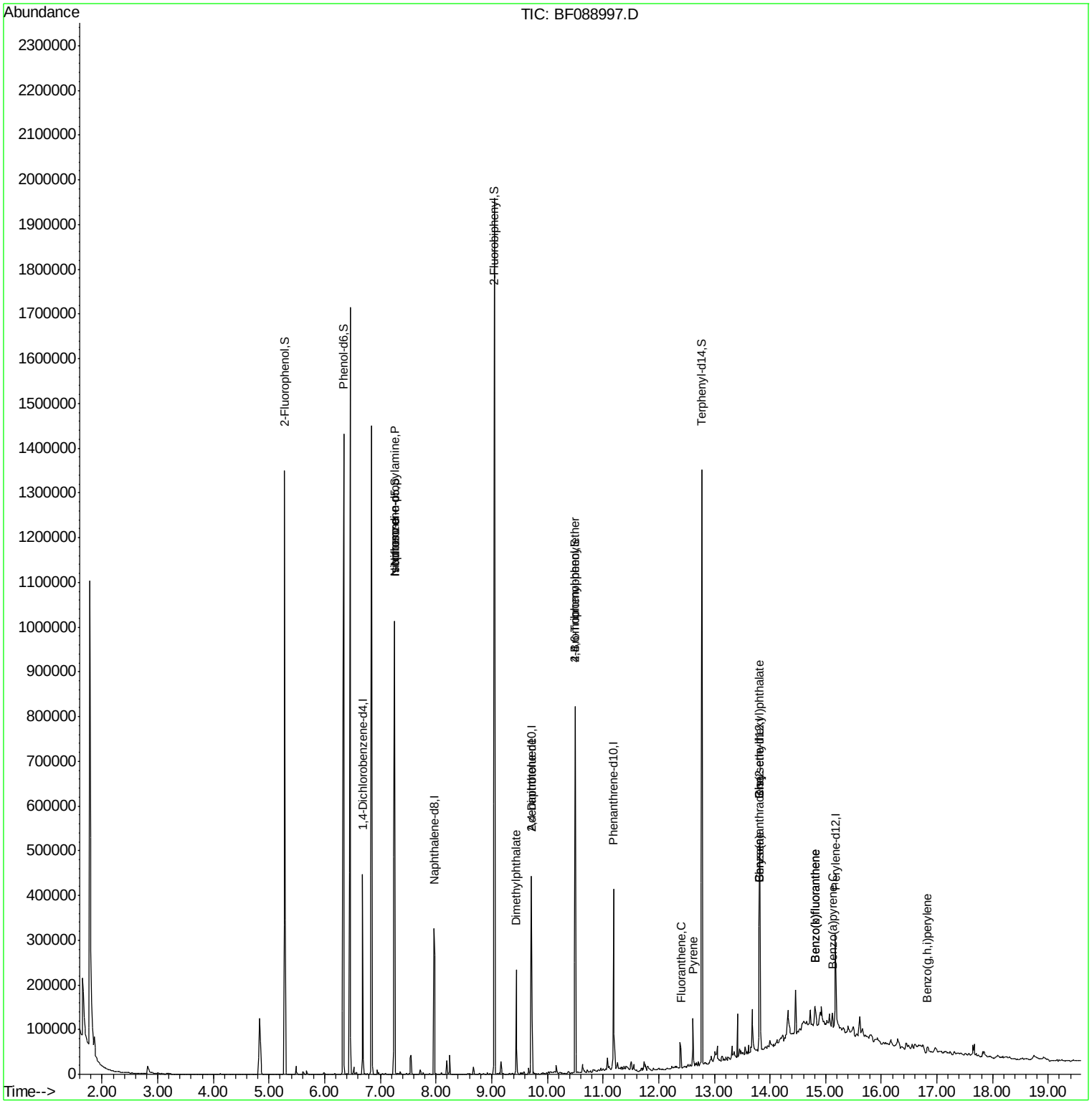
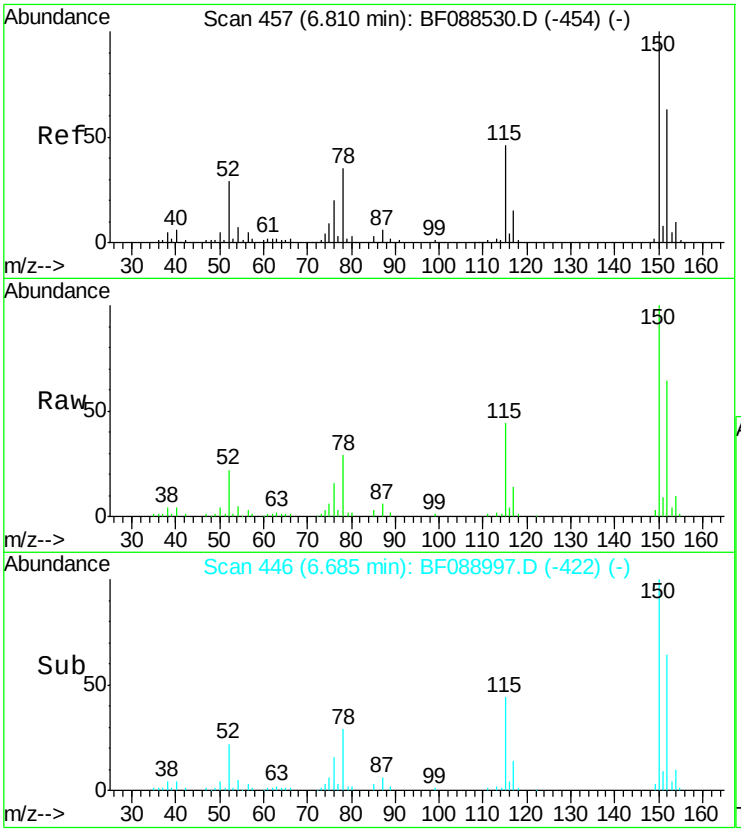
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



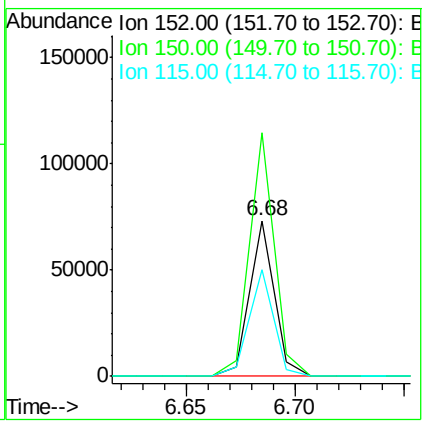


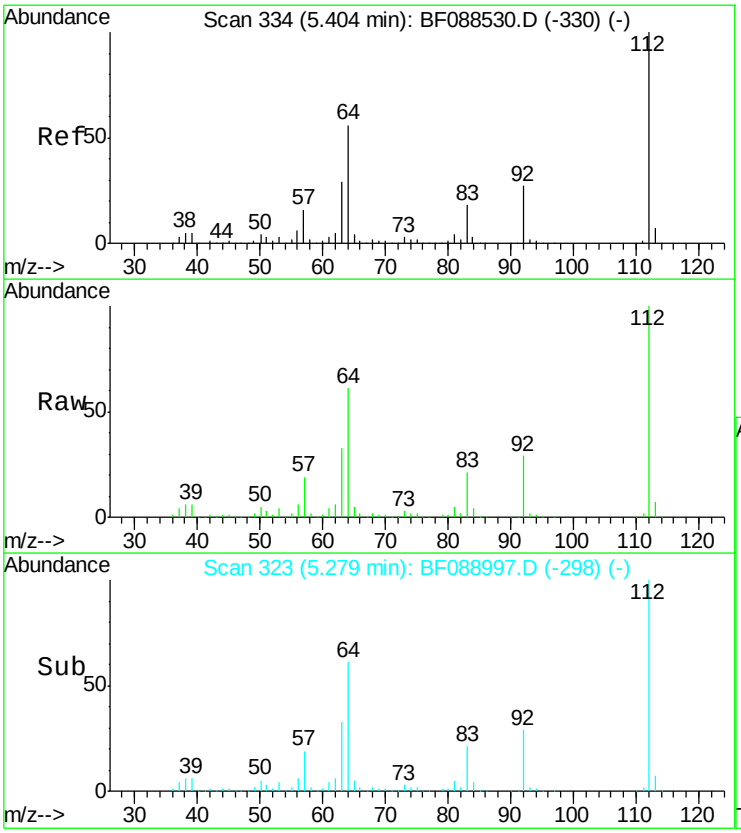
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:152 Resp: 57856

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	68.3	39.6	59.4#

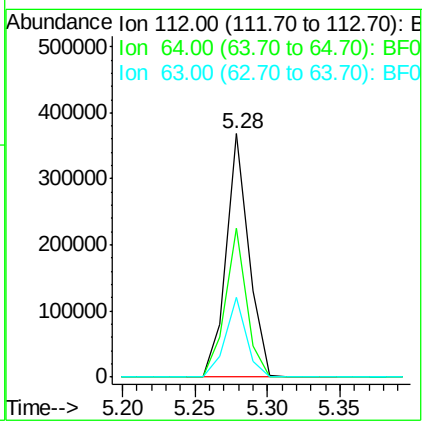


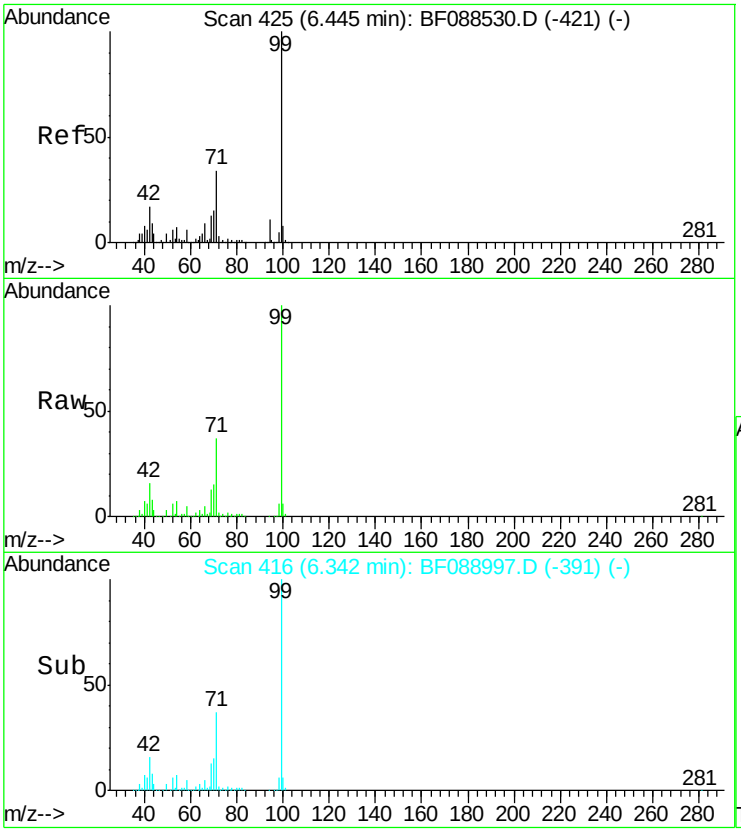


#5
2-Fluorophenol
Concen: 103.06 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:112 Resp: 397872

Ion	Ratio	Lower	Upper
112	100		
64	61.3	42.2	63.2
63	33.0	21.8	32.8#



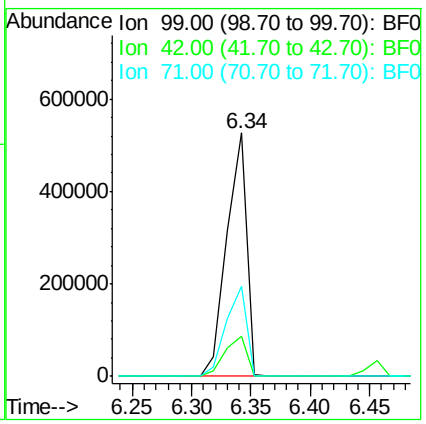


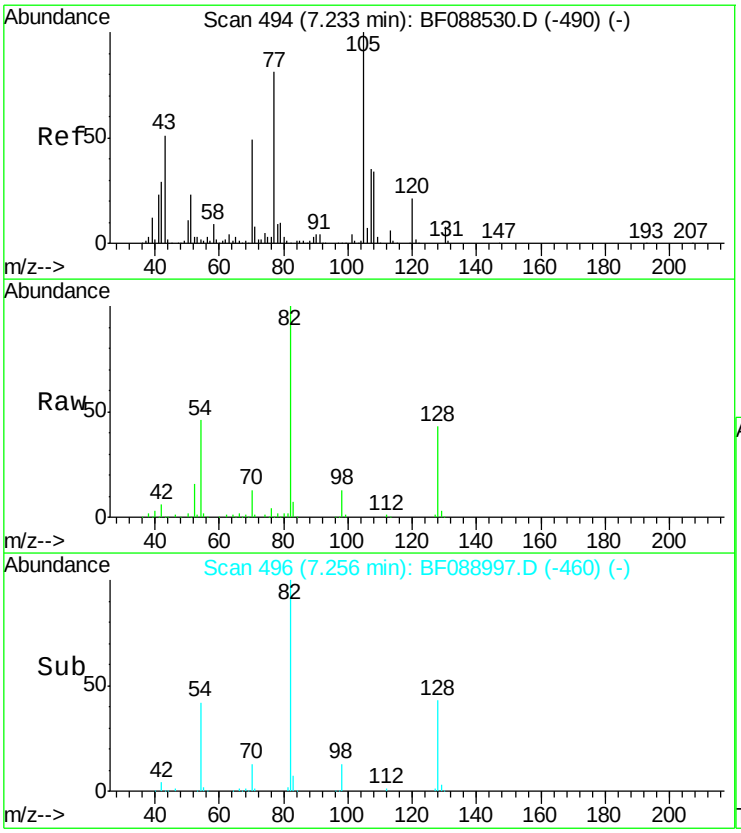
#7
Phenol-d6
Concen: 122.72 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion: 99 Resp: 612128

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.2	18.2
71	36.8	23.4	35.0#

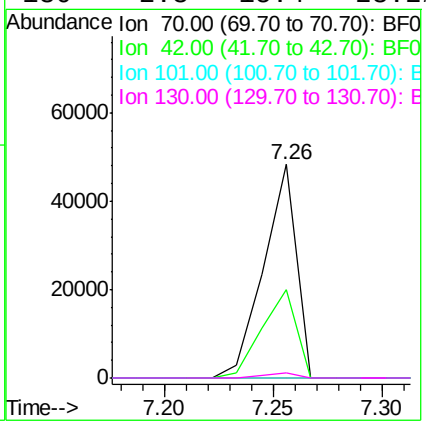


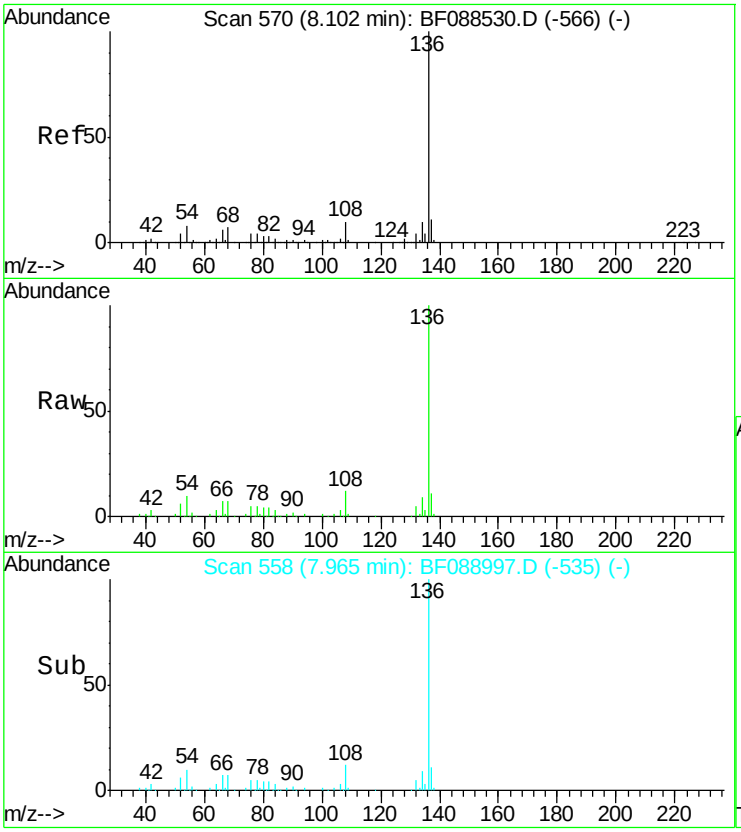


#19
n-Nitroso-di-n-propylamine
Concen: 15.29 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.11 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion: 70 Resp: 51239

Ion	Ratio	Lower	Upper
70	100		
42	41.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



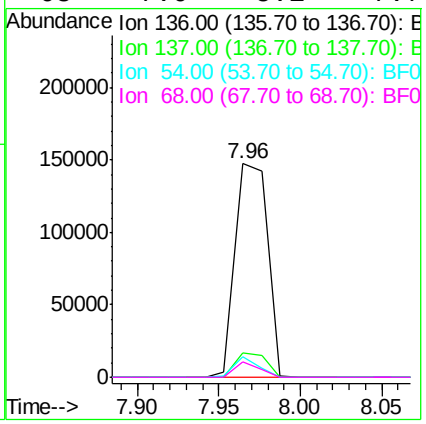


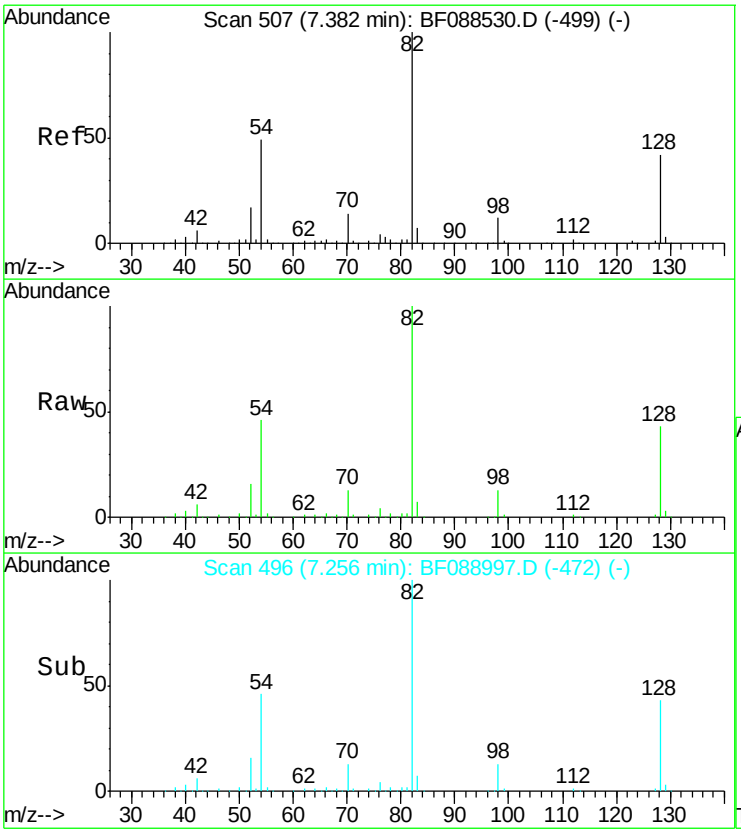
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:136 Resp: 201908

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.8	6.6	10.0
68	7.0	5.1	7.7

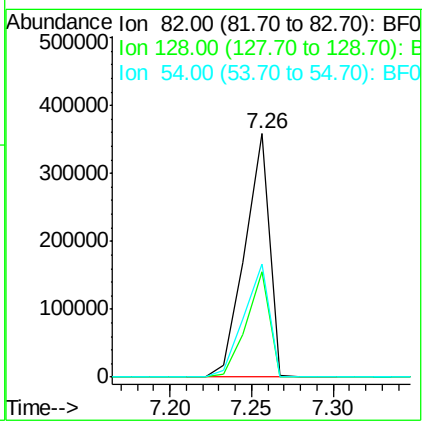


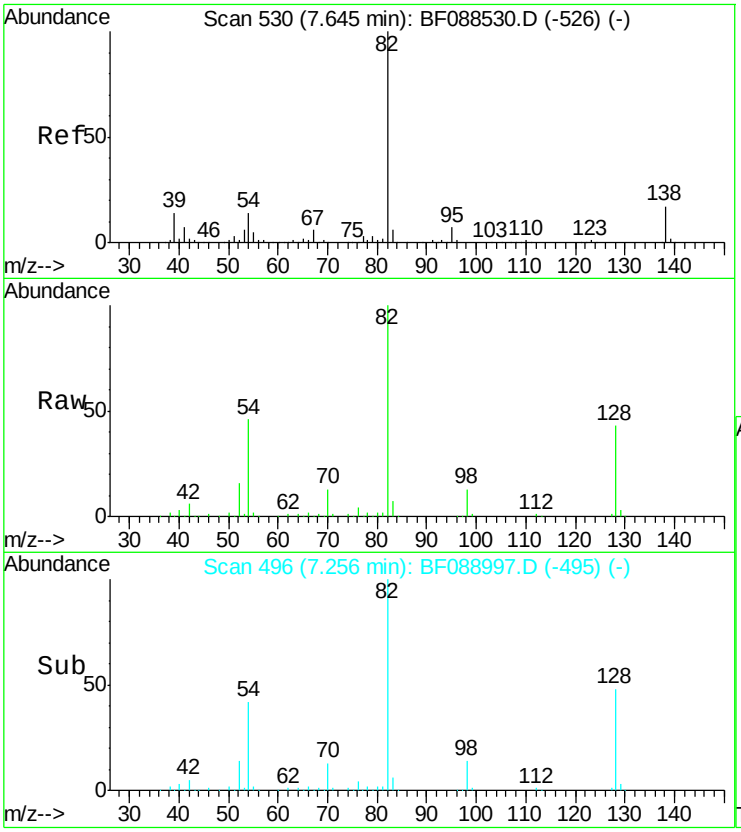


#23
Nitrobenzene-d5
Concen: 97.51 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion: 82 Resp: 375691

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.9	53.9
54	46.3	40.9	61.3



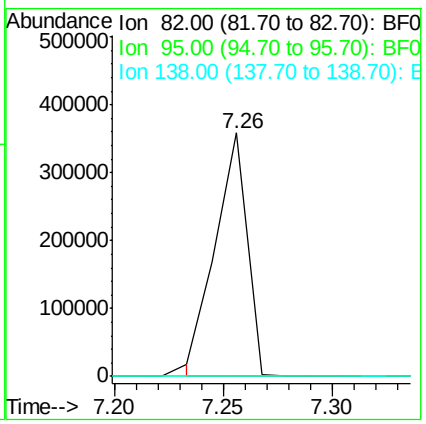


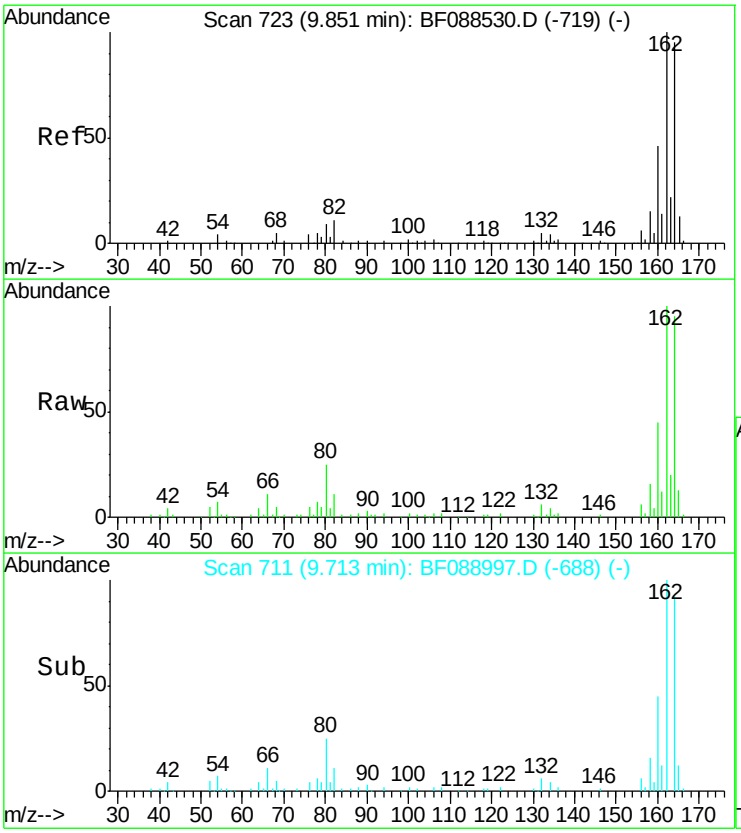
#25
Isophorone
Concen: 50.95 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.29 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion: 82 Resp: 363644

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

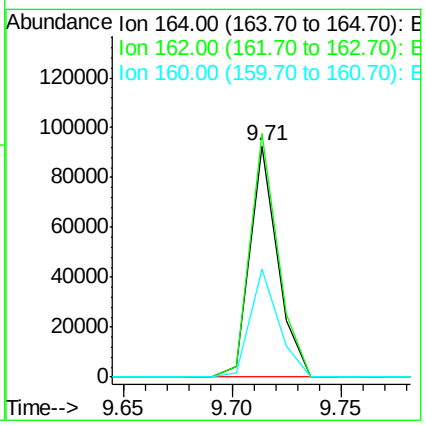


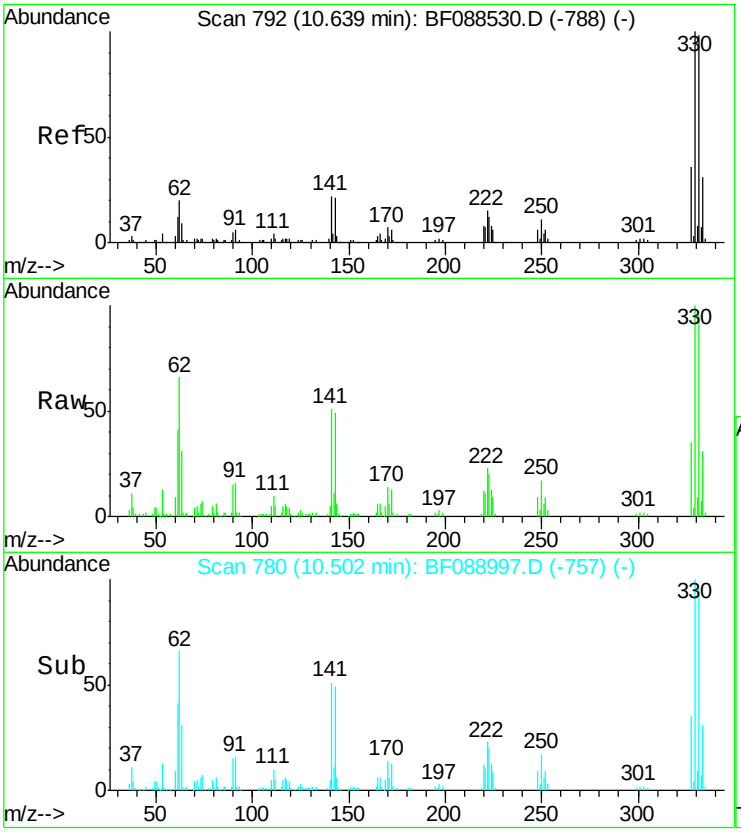


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:164 Resp: 81760

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	47.0	39.5	59.3



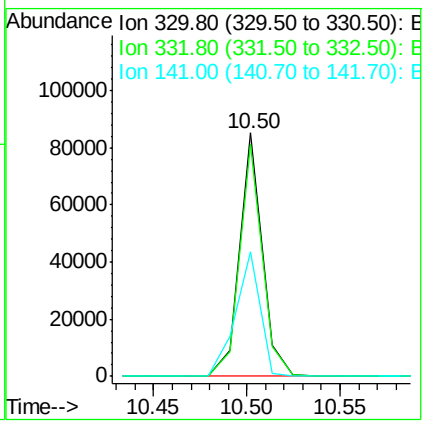


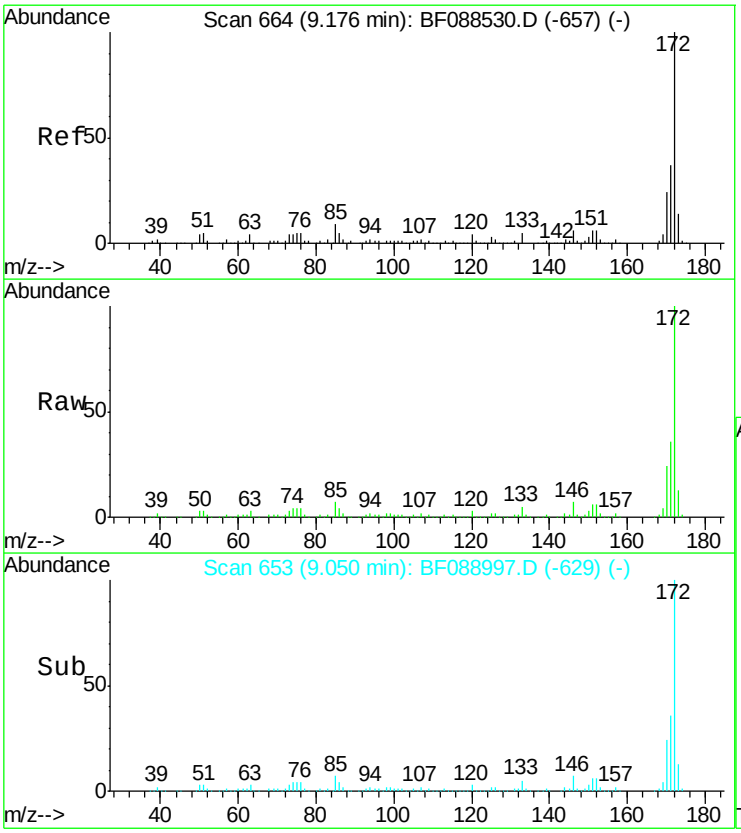
#41
2,4,6-Tribromophenol
Concen: 95.38 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:330 Resp: 72416

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	56.4	0.0	0.0#

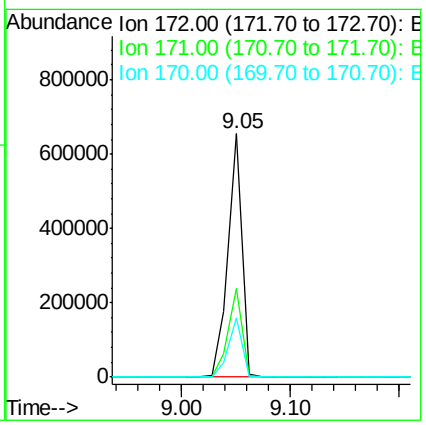


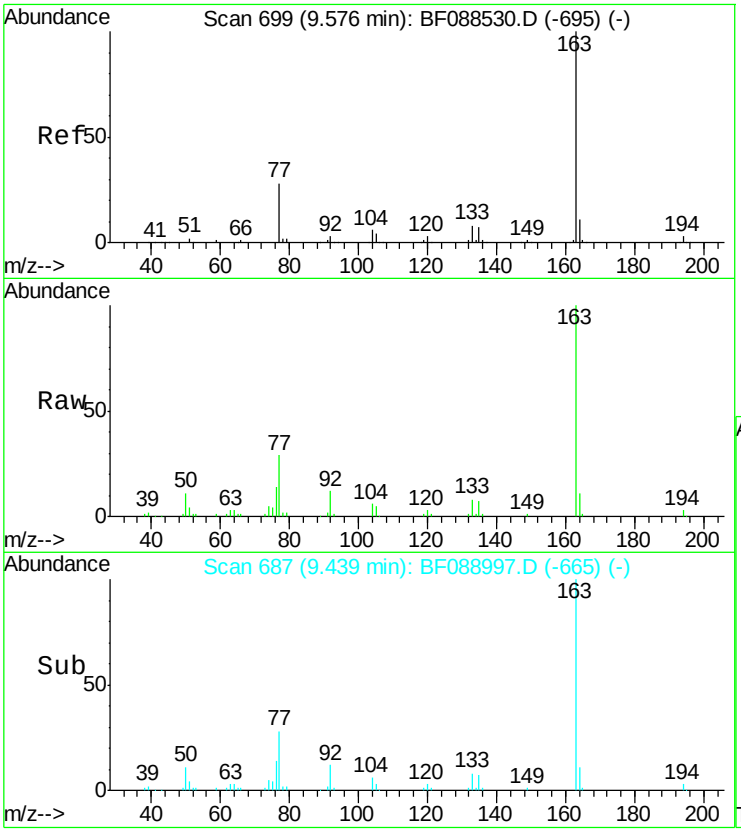


#44
2-Fluorobiphenyl
Concen: 112.44 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:172 Resp: 581993

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.1	19.2	28.8



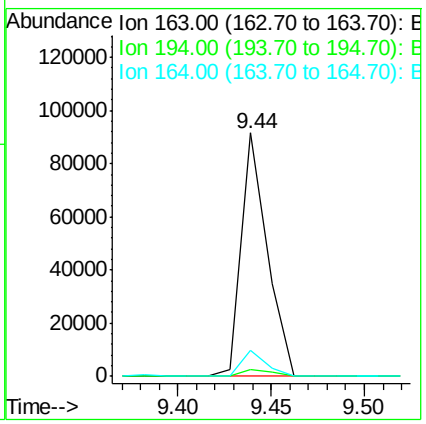


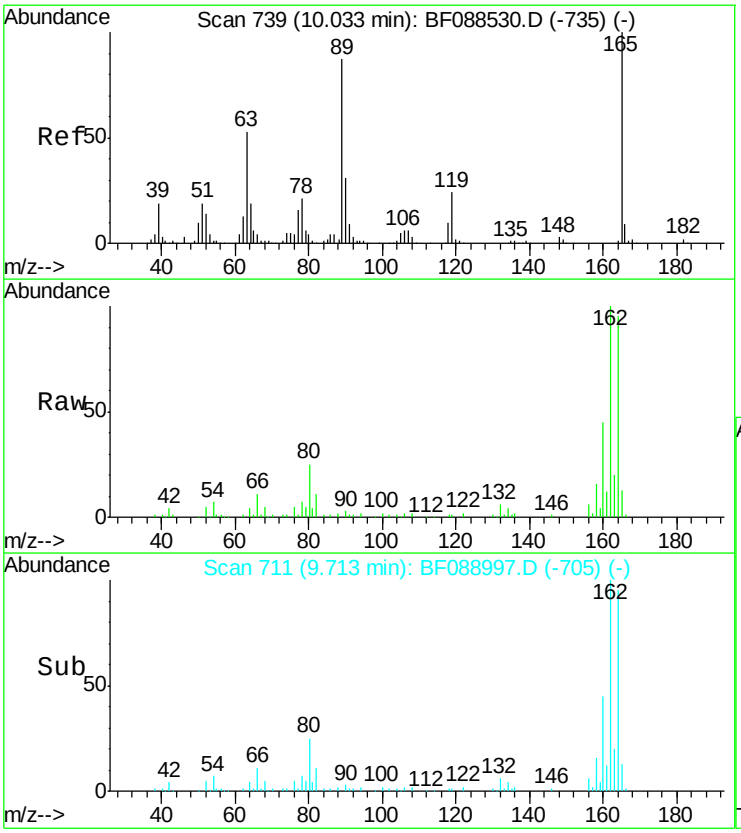
#49
Dimethylphthalate
Concen: 15.24 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:163 Resp: 88766

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.8	8.3	12.5

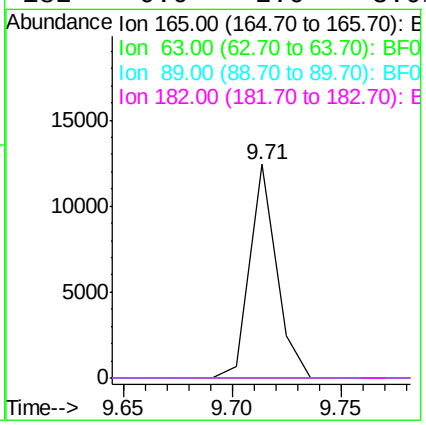


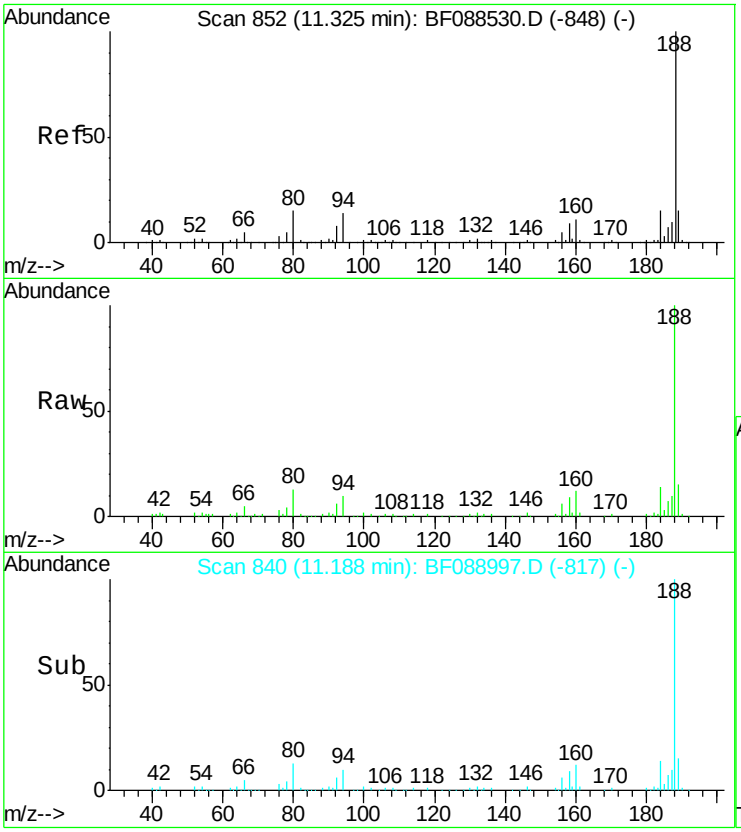


#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:165 Resp: 10644

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#



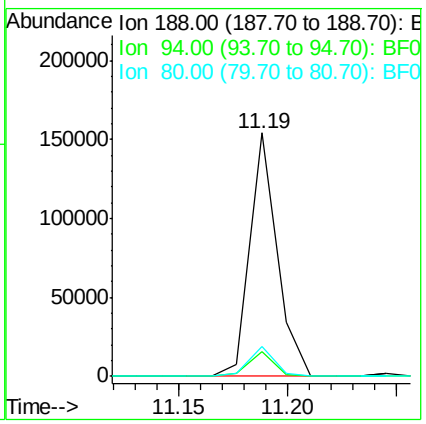


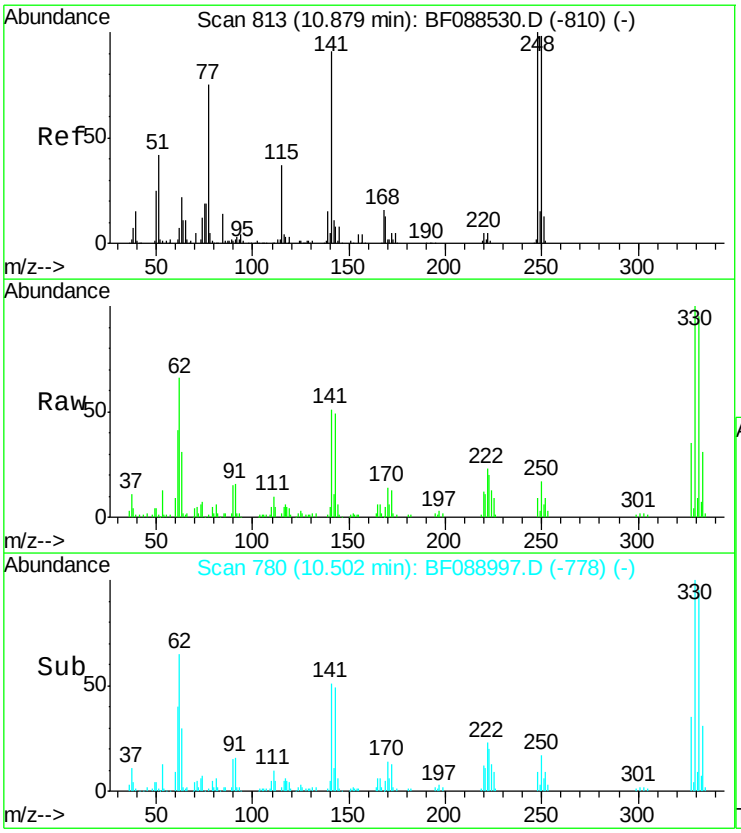
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:188 Resp: 134554

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.6
80	12.5	10.0	15.0

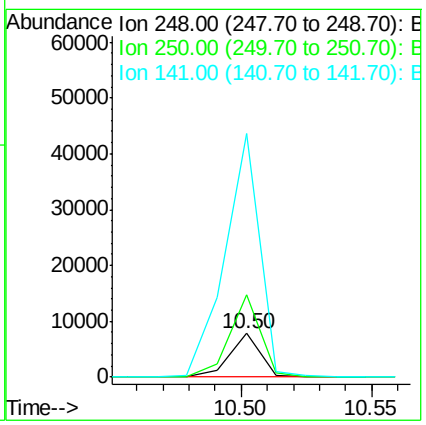


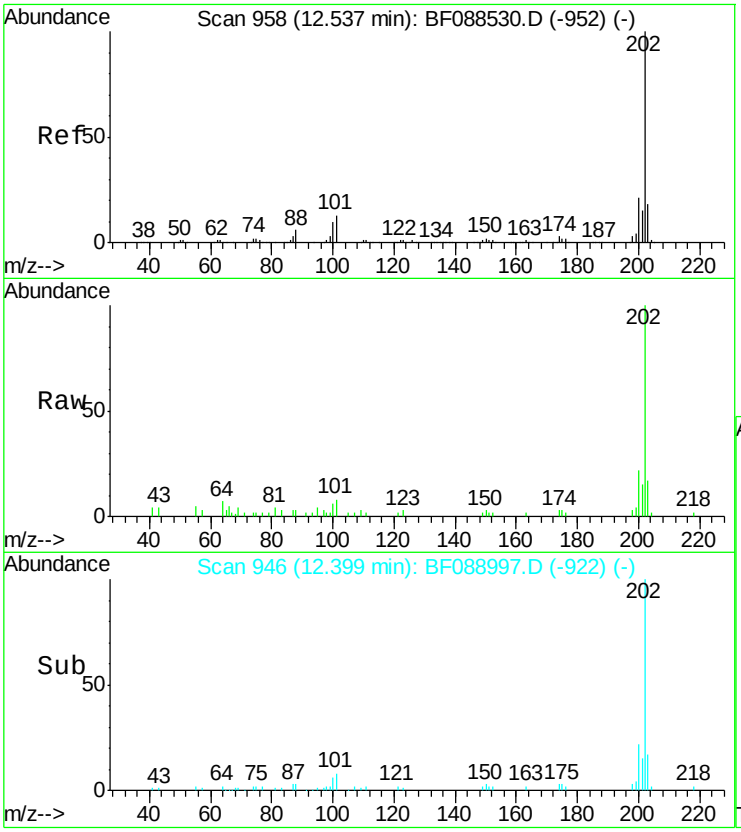


#66
4-Bromophenyl-phenylether
Concen: 4.83 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.27 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:248 Resp: 6553

Ion	Ratio	Lower	Upper
248	100		
250	187.3	77.1	115.7#
141	554.7	50.6	76.0#



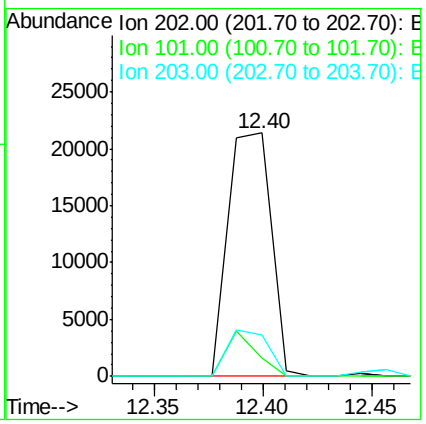


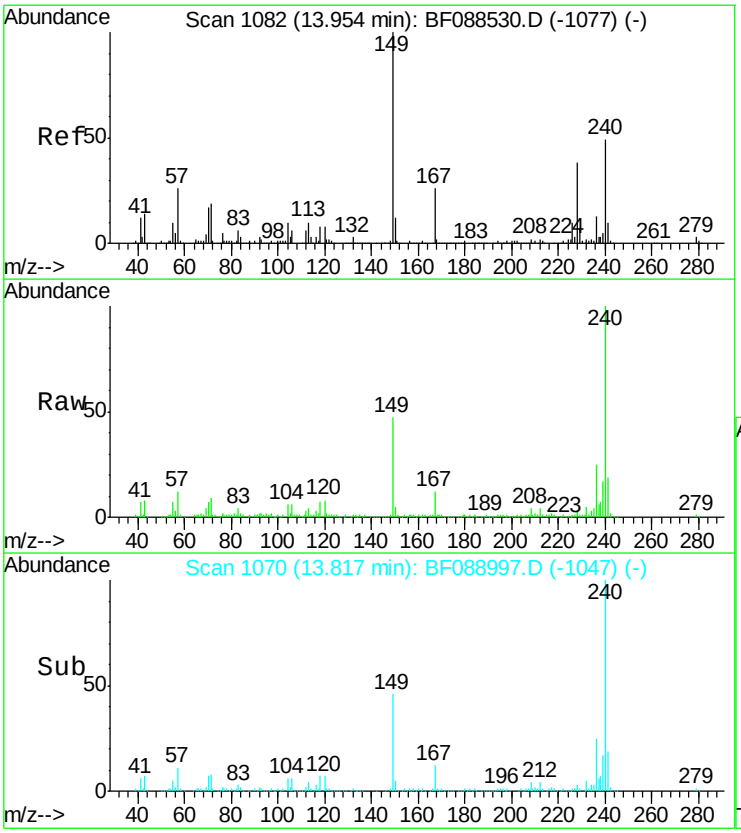
#74
Fluoranthene
Concen: 3.94 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:202 Resp: 29366

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	33.1
203	17.2	0.0	38.1

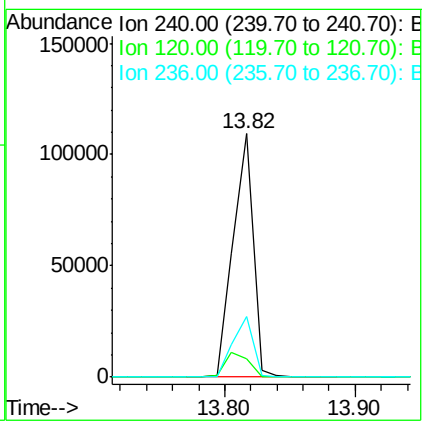


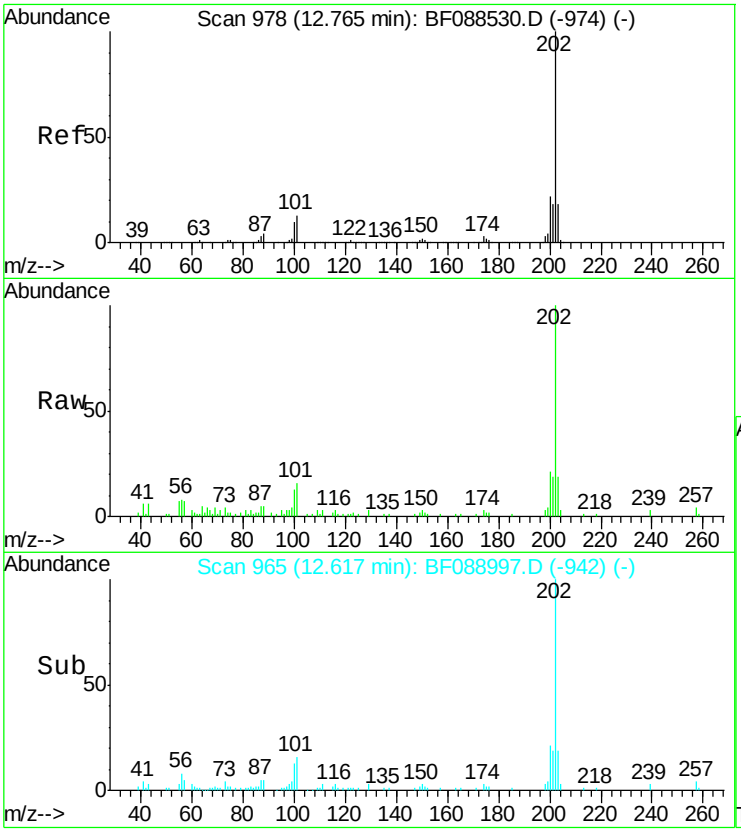


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:240 Resp: 116348

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	24.7	20.2	30.2



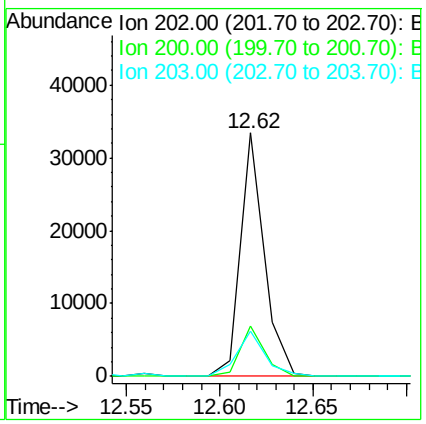


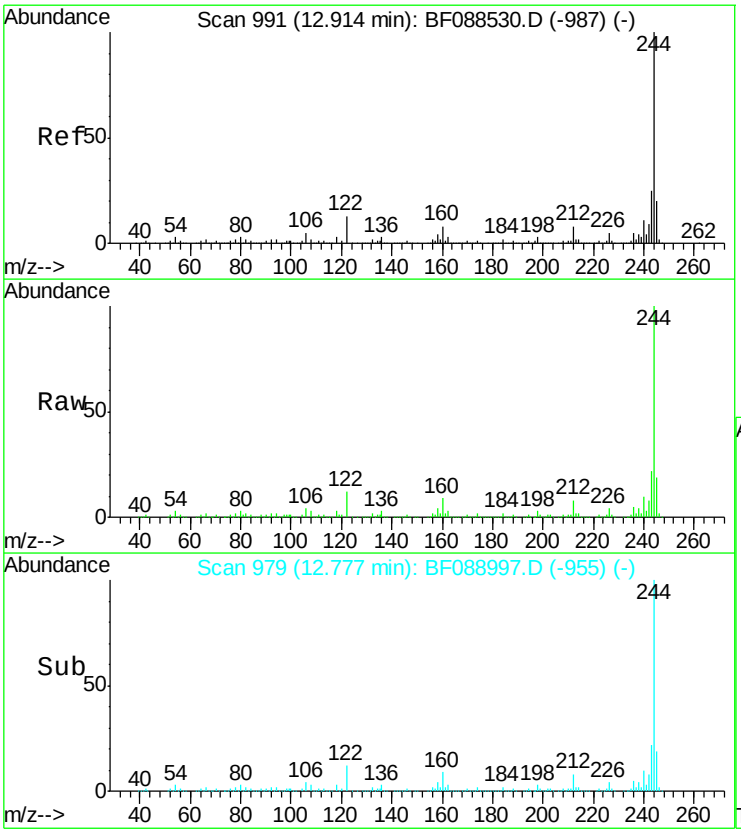
#77
Pyrene
Concen: 3.02 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:202 Resp: 29801

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.5	21.7

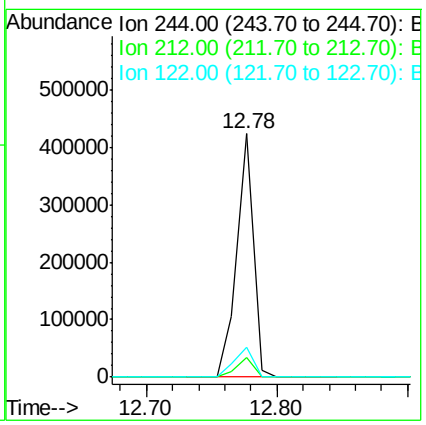


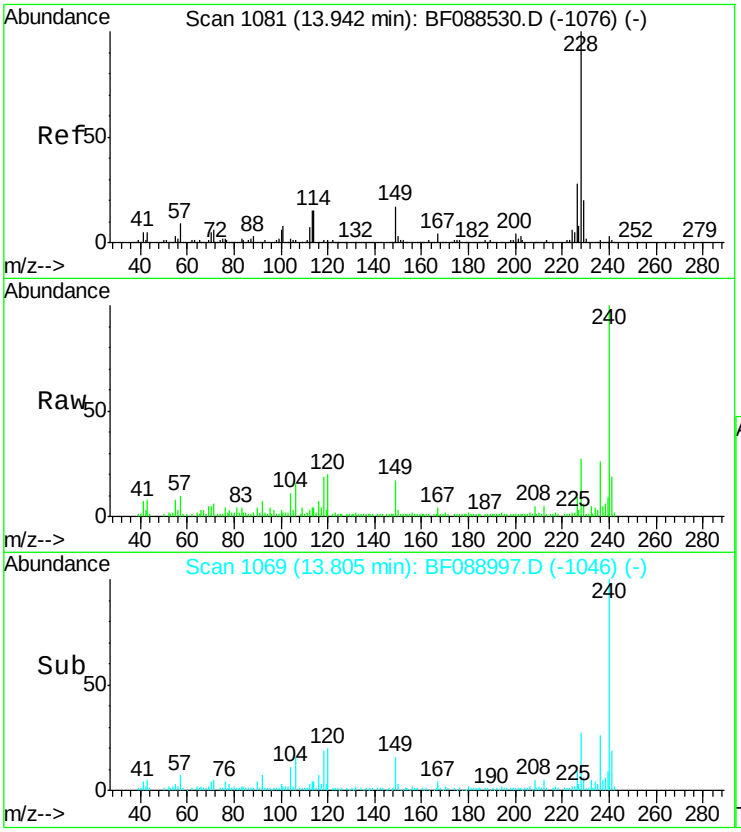


#78
Terphenyl-d14
Concen: 71.62 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:244 Resp: 374113

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	12.3	11.2	16.8



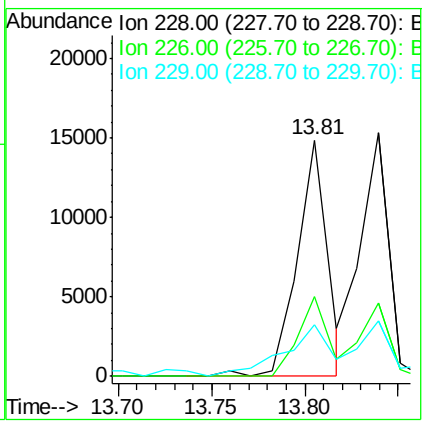


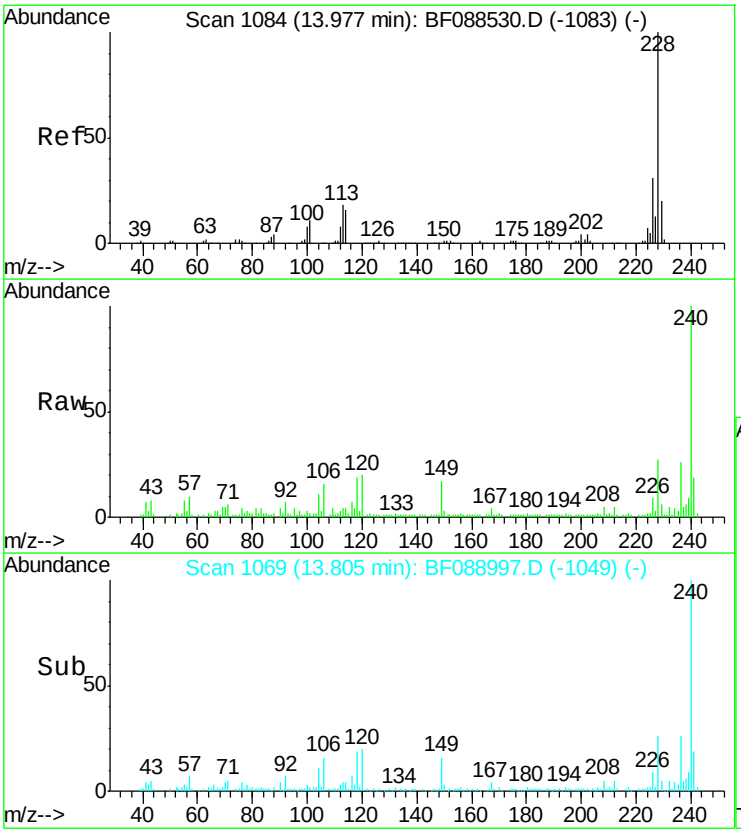
#80
Benzo(a)anthracene
Concen: 2.25 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:228 Resp: 16821

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.3	33.5#
229	21.7	16.0	24.0

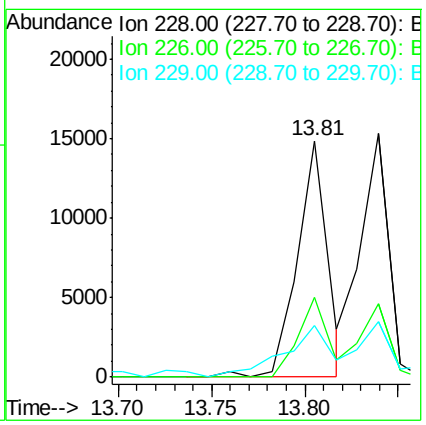


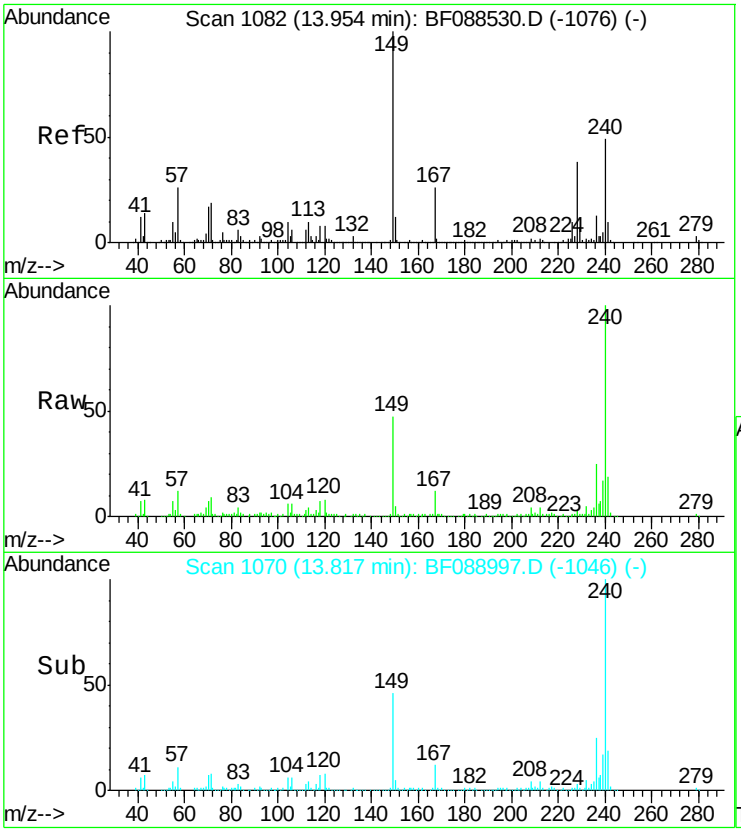


#82
Chrysene
Concen: 2.27 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.07 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:228 Resp: 16821

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.4	38.2
229	21.7	16.3	24.5



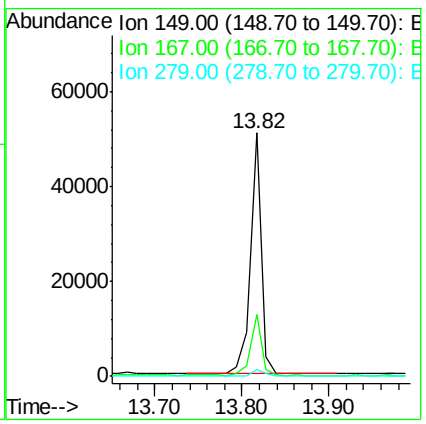


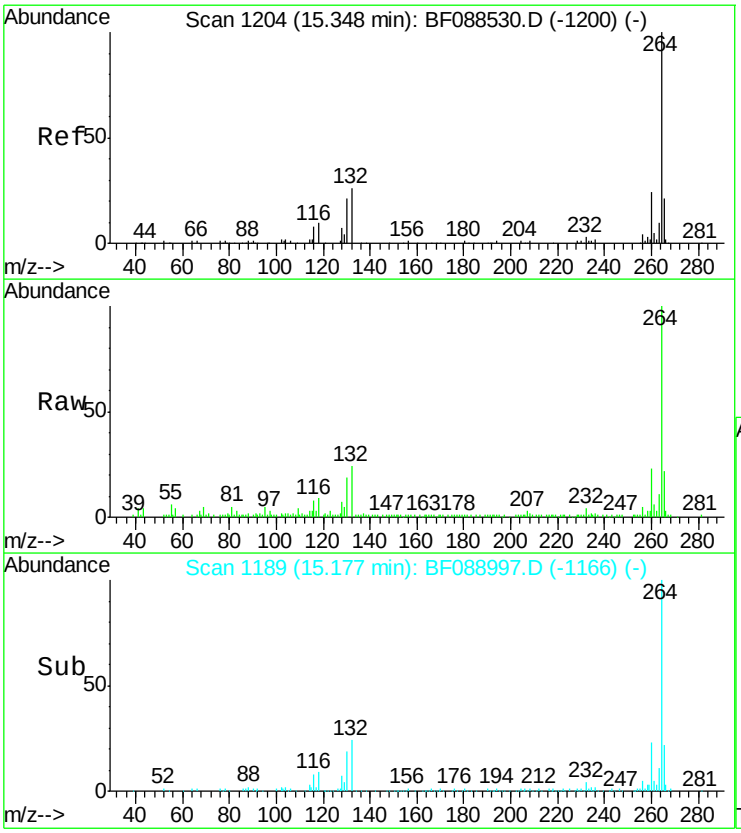
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.98 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:149 Resp: 45134

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.5	30.7
279	2.8	2.0	3.0

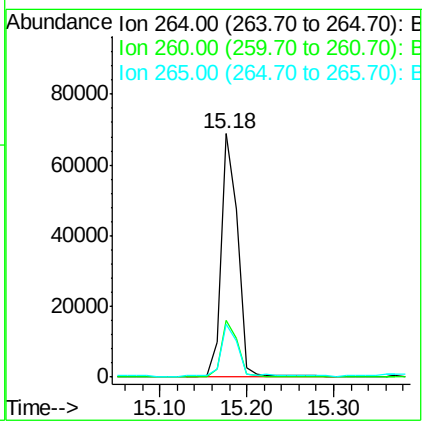


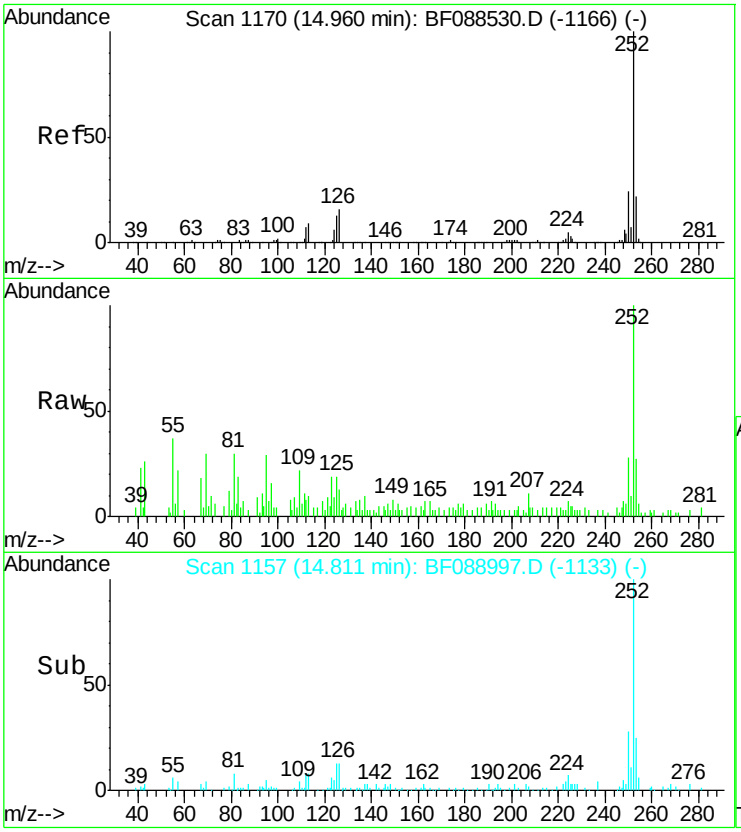


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:264 Resp: 90747

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.9	25.3



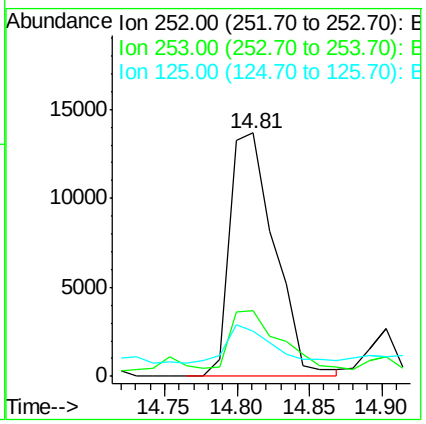


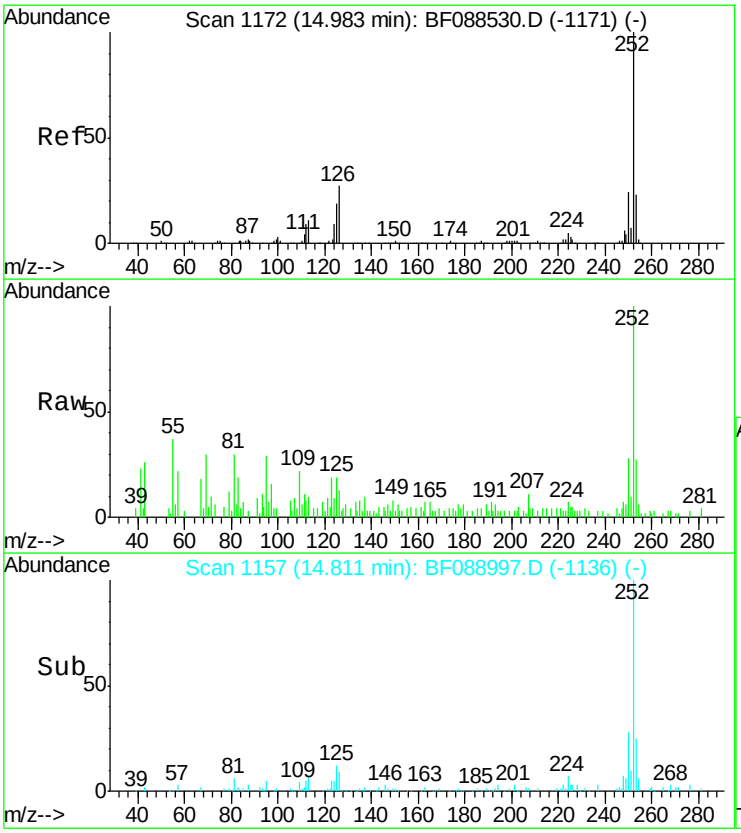
#87
Benzo(b)fluoranthene
Concen: 5.13 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:252 Resp: 29218

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.2#
125	18.5	7.1	10.7#

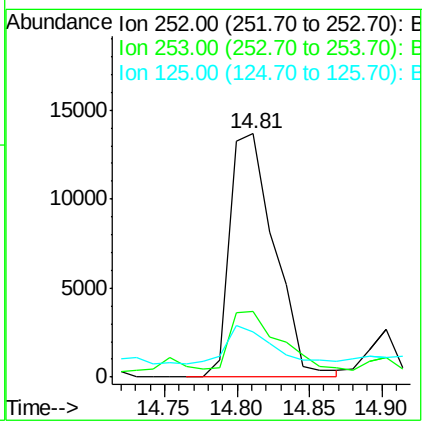


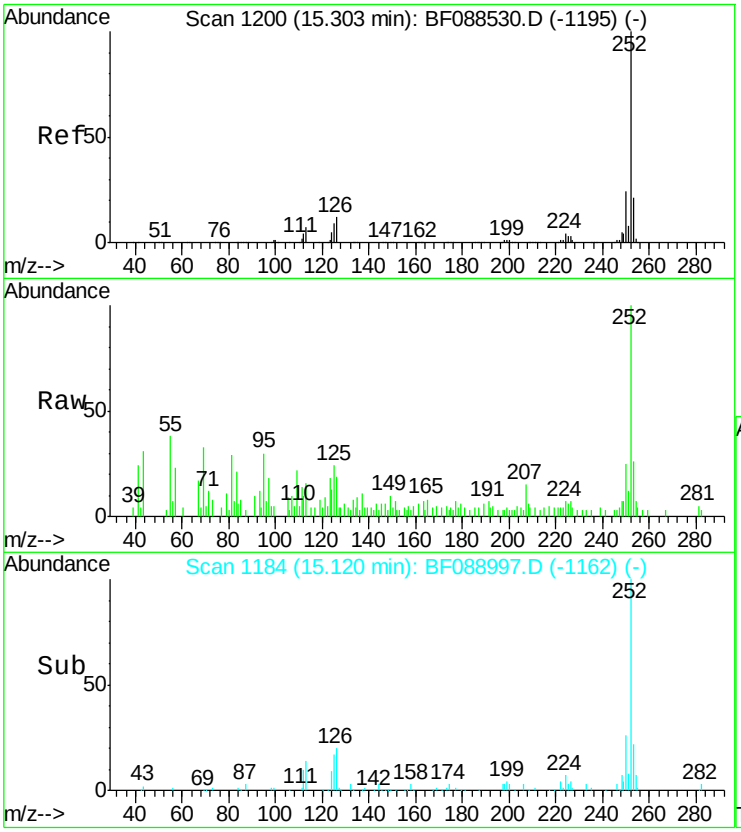


#88
Benzo(k)fluoranthene
Concen: 5.90 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:252 Resp: 29218

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	18.5	11.2	16.8#



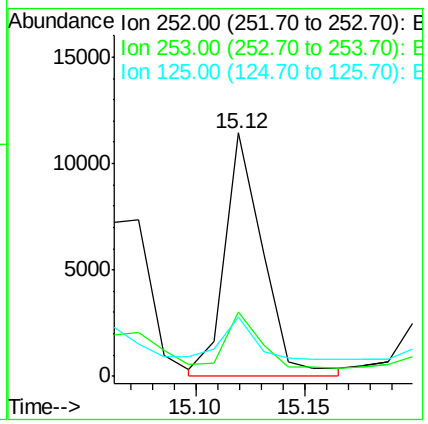


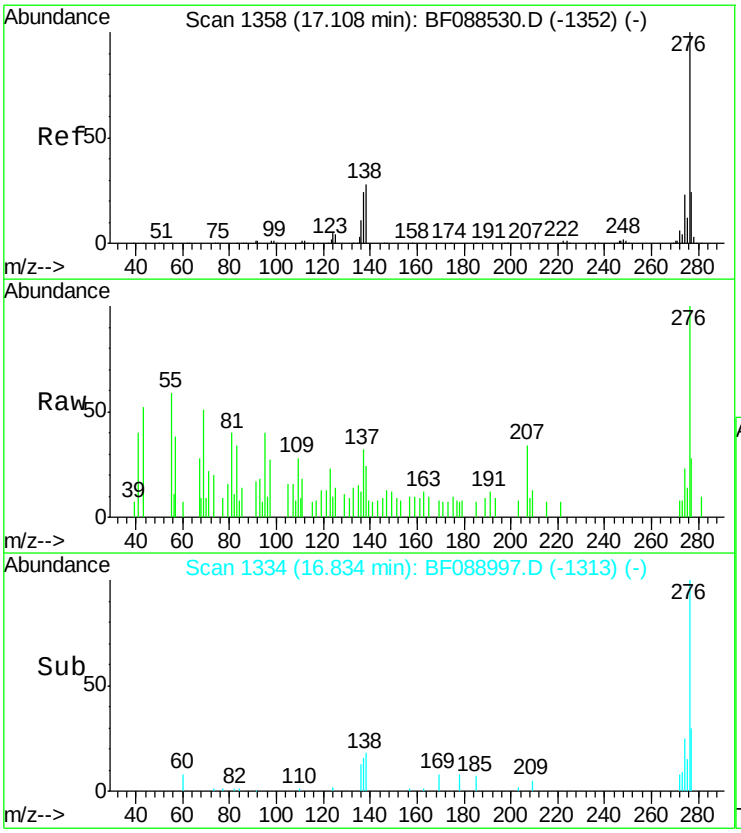
#89
Benzo(a)pyrene
Concen: 2.88 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Instrument :
BNA_F
ClientSampleId :
U2-B2(0-6)C

Tgt Ion:252 Resp: 13898

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	24.3	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 2.06 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.06 min
Lab File: BF088997.D
Acq: 14 Jul 2016 20:50

Tgt Ion:276 Resp: 8583

Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.9	28.3
138	24.3	21.4	32.2