Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090886.D
Acq On : 28 Oct 2016 00:14
Operator : UM/SJ
Sample : H5423-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1COMP(0-16FEET)

Quant Time: Oct 28 01:17:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	150537	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	595790	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	309246	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	431523	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	337859	20.00	ng		-0.02
86) Perylene-d12	15.35	264	310779	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1489526	173.00	ng		0.01
7) Phenol-d6	6.42	99	1492762	128.51	ng		0.00
23) Nitrobenzene-d5	7.34	82	1043444	114.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	419253	131.92	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1770073	100.51	ng		-0.01
78) Terphenyl-d14	12.89	244	1337474	99.73	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.93	79	16862	2.21	ng	#	31
19) n-Nitroso-di-n-propylamine	7.34	70	140319	20.89	ng	#	49
49) Dimethylphthalate	9.54	163	616542	29.84	ng	#	98
55) 4-Nitrophenol	10.02	139	8335	2.81	ng	#	28
56) 2,4-Dinitrotoluene	9.81	165	41095	7.25	ng	#	32
66) 4-Bromophenyl-phenylether	10.60	248	25649	5.43	ng	#	1
70) Phenanthrene	11.32	178	349482	15.90	ng		98
71) Anthracene	11.37	178	90605	3.92	ng		98
74) Fluoranthene	12.51	202	296734	12.33	ng		88
77) Pyrene	12.51	202	296734	13.88	ng		98
80) Benzo(a)anthracene	13.93	228	139454	7.78	ng		95
82) Chrysene	13.93	228	139454	7.69	ng		97
87) Benzo(b)fluoranthene	14.95	252	185041	8.85	ng	#	89
88) Benzo(k)fluoranthene	14.95	252	185041	11.20	ng	#	90
89) Benzo(a)pyrene	15.29	252	97846	5.45	ng	#	87
91) Benzo(g,h,i)perylene	17.11	276	36316	2.54	ng	#	81

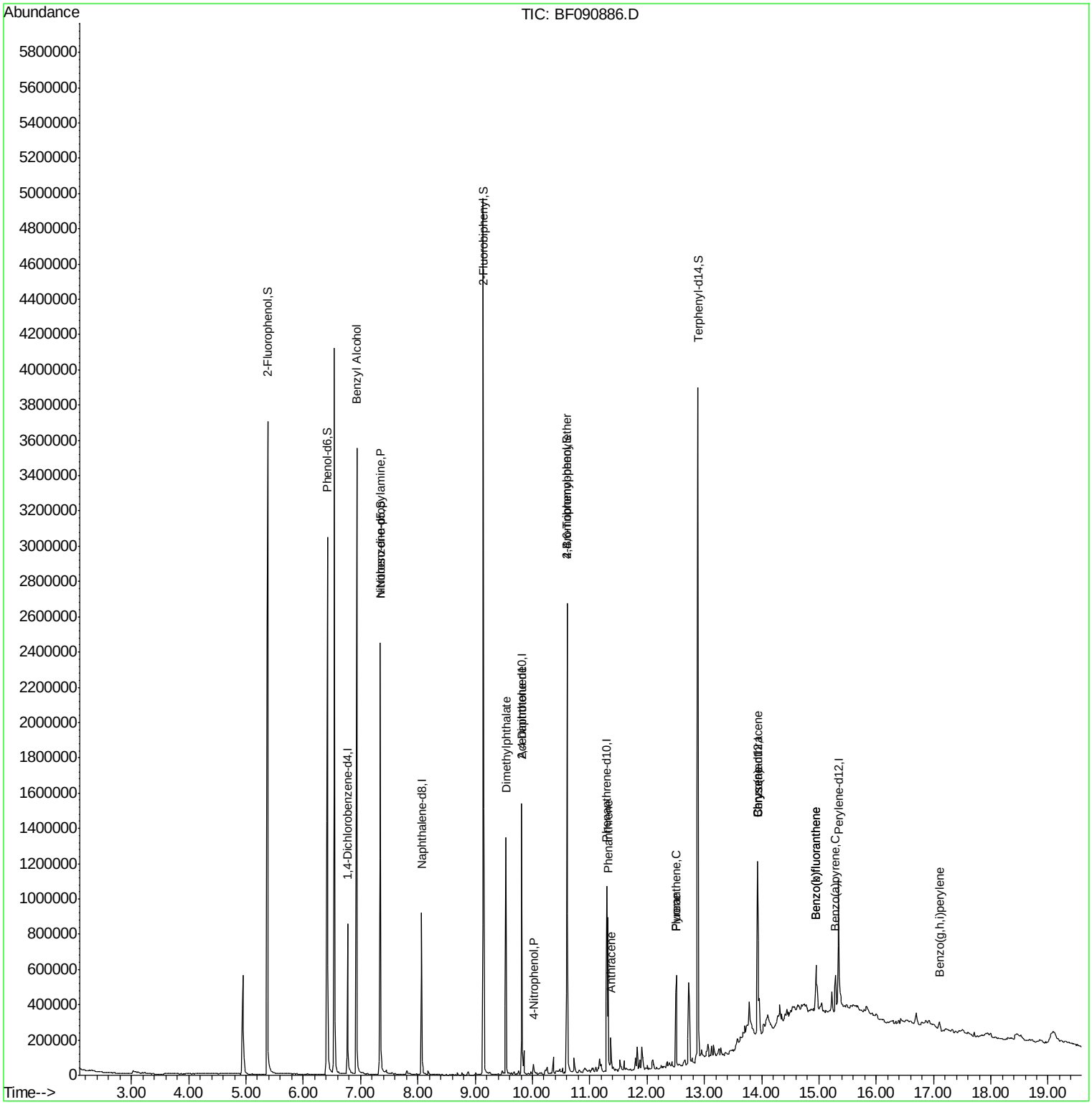
(#) = qualifier out of range (m) = manual integration (+) = signals summed

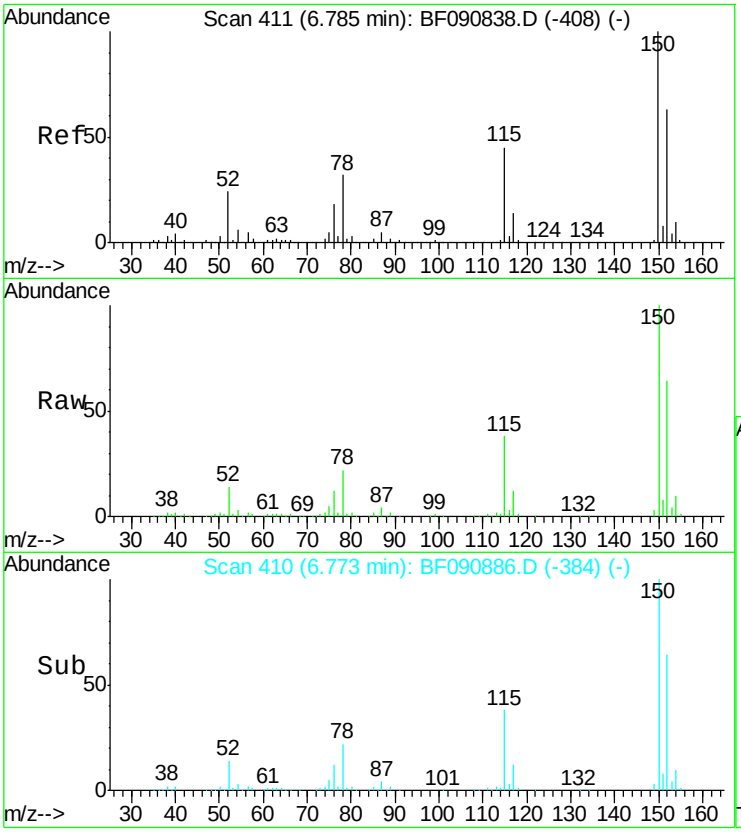
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090886.D
Acq On : 28 Oct 2016 00:14
Operator : UM/SJ
Sample : H5423-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Quant Time: Oct 28 01:17:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration



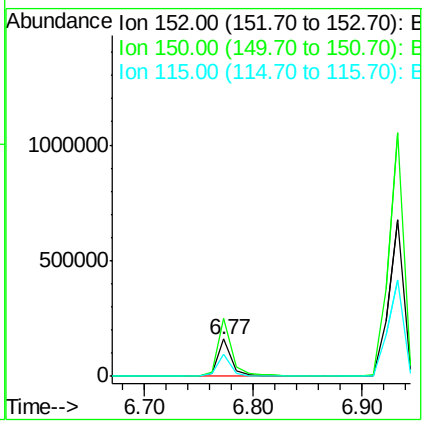


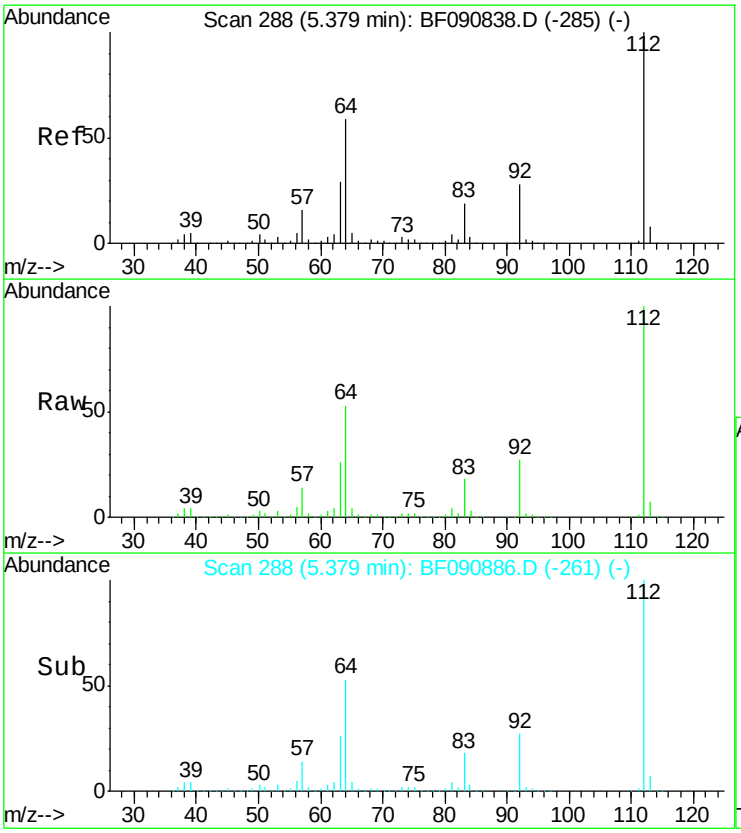
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:152 Resp: 150537

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	58.5	39.0	58.4#

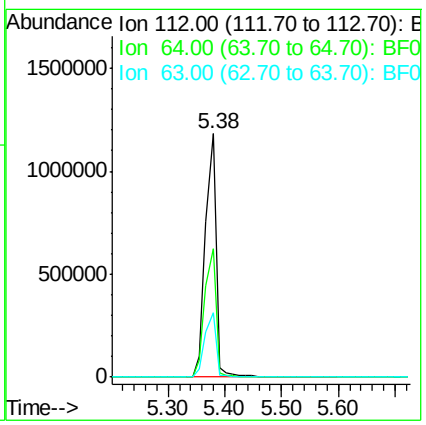


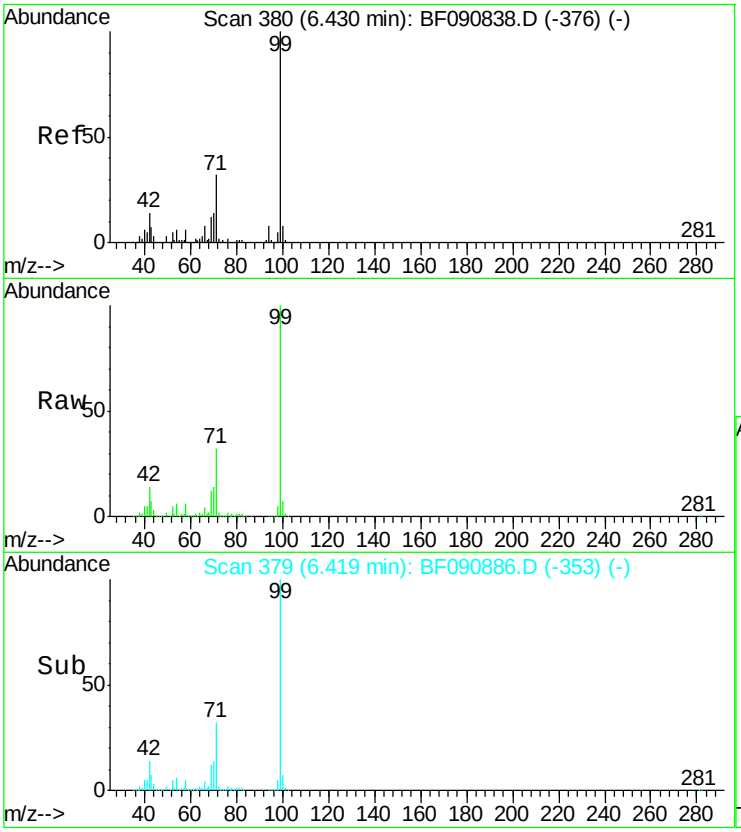


#5
2-Fluorophenol
Concen: 173.00 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:112 Resp: 1489526

Ion	Ratio	Lower	Upper
112	100		
64	52.8	39.7	59.5
63	26.3	17.4	26.0#



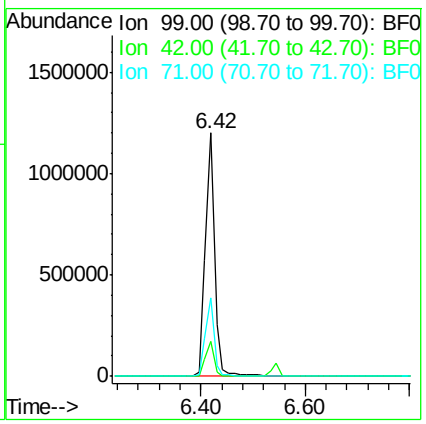


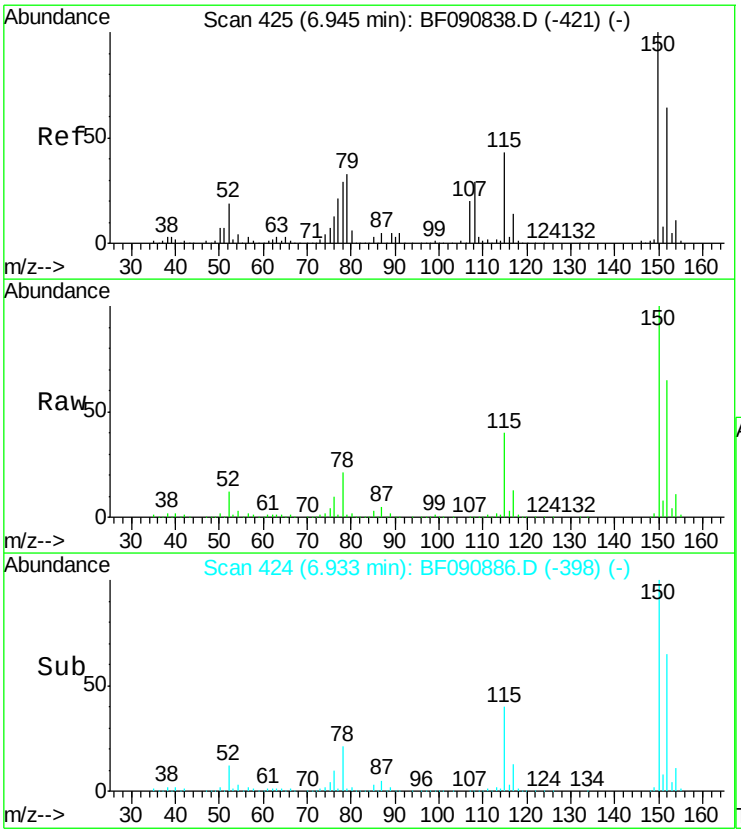
#7
Phenol-d6
Concen: 128.51 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion: 99 Resp: 1492762

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.7	20.5
71	32.1	14.2	21.2#

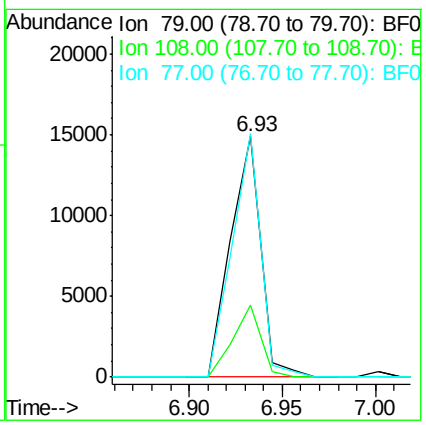


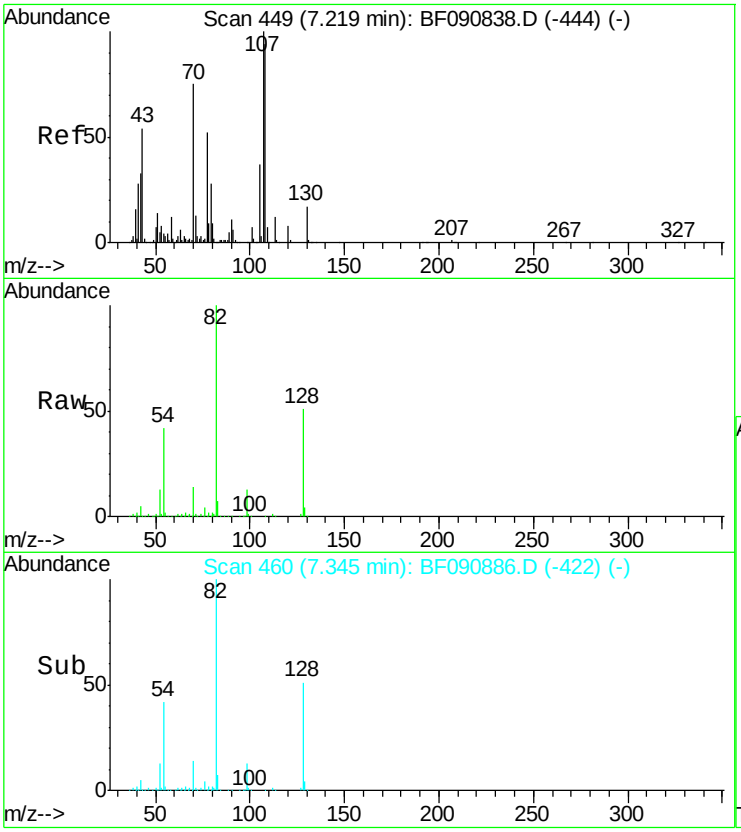


#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion: 79 Resp: 16862

Ion	Ratio	Lower	Upper
79	100		
108	30.1	88.6	132.8#
77	101.3	47.0	70.4#



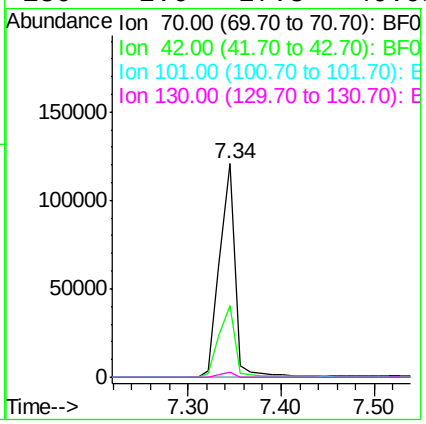


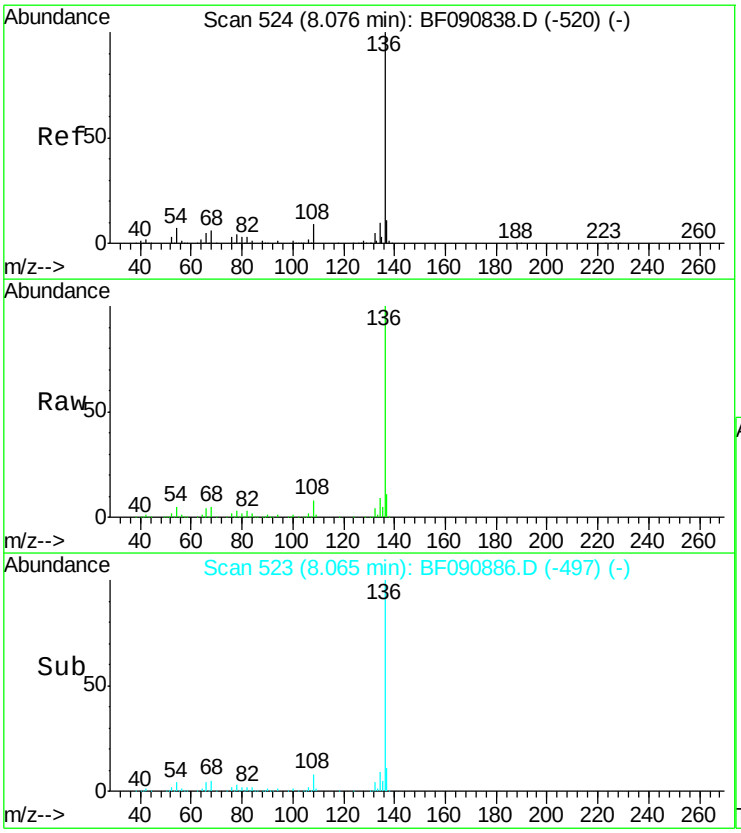
#19
n-Nitroso-di-n-propylamine
Concen: 20.89 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion: 70 Resp: 140319

Ion	Ratio	Lower	Upper
70	100		
42	33.6	63.8	95.6#
101	0.0	9.2	13.8#
130	2.6	27.3	40.9#

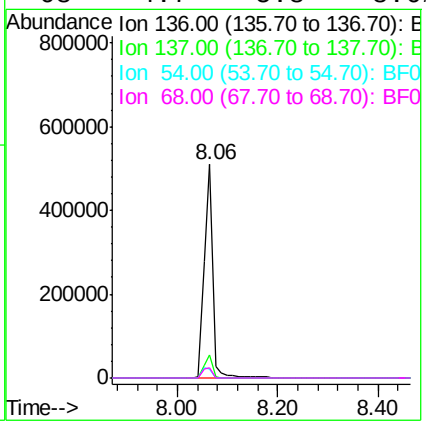


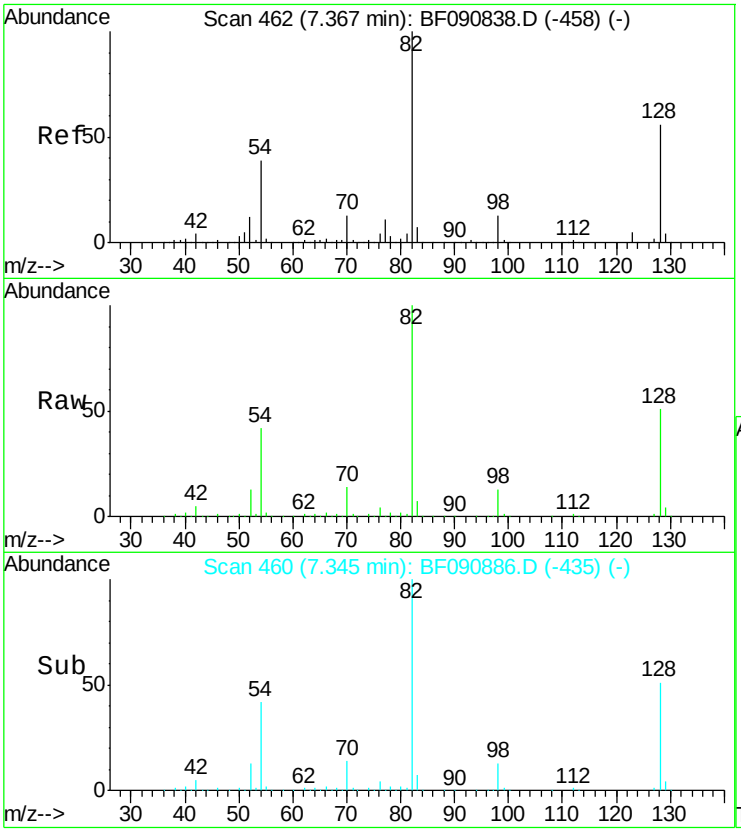


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:136 Resp: 595790

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	4.5	8.2	12.2#
68	4.7	5.8	8.6#



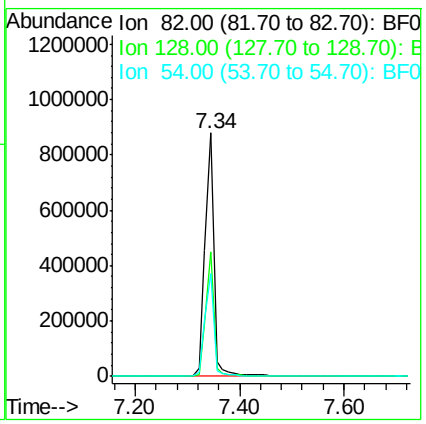


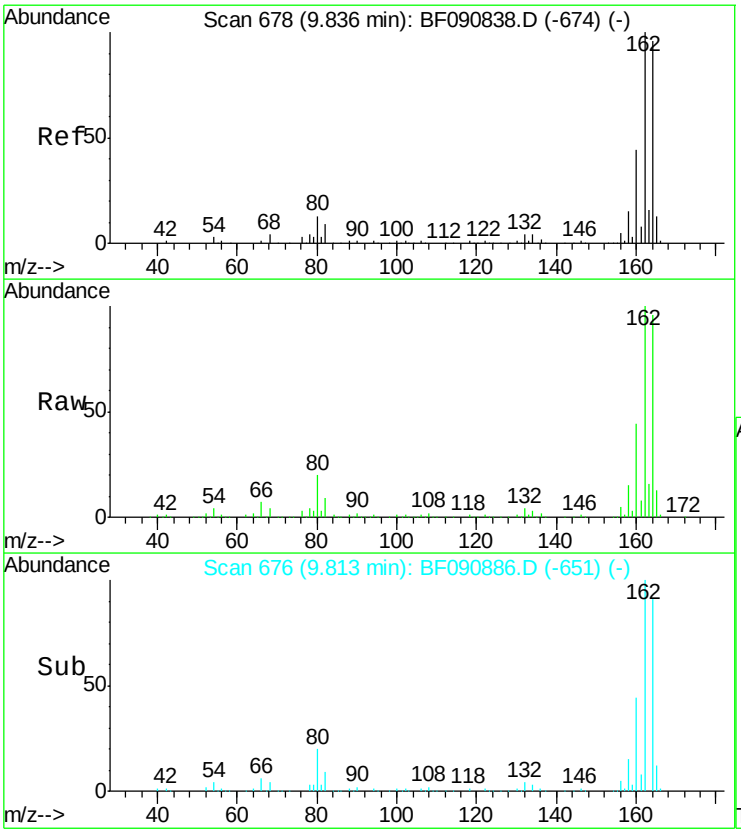
#23
Nitrobenzene-d5
Concen: 114.65 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion: 82 Resp: 1043444

Ion	Ratio	Lower	Upper
82	100		
128	51.4	51.0	76.6
54	42.1	47.5	71.3#

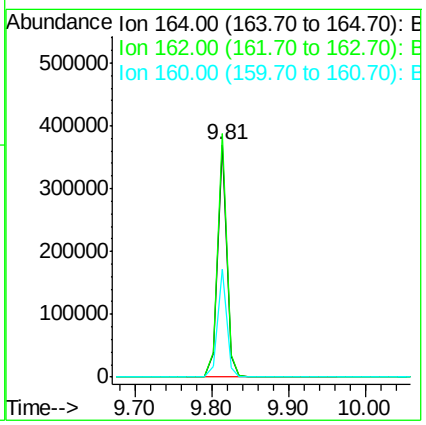


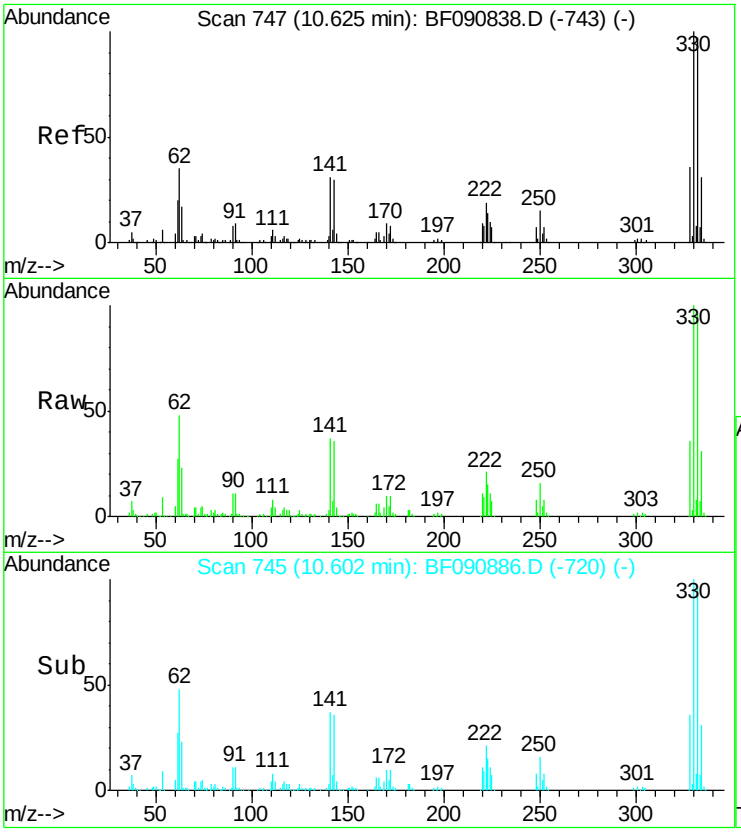


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:164 Resp: 309246

Ion	Ratio	Lower	Upper
164	100		
162	104.7	75.2	112.8
160	46.3	31.5	47.3



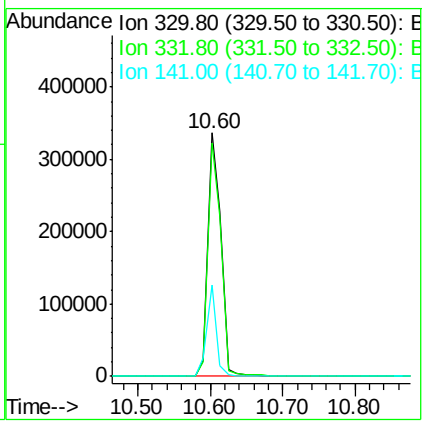


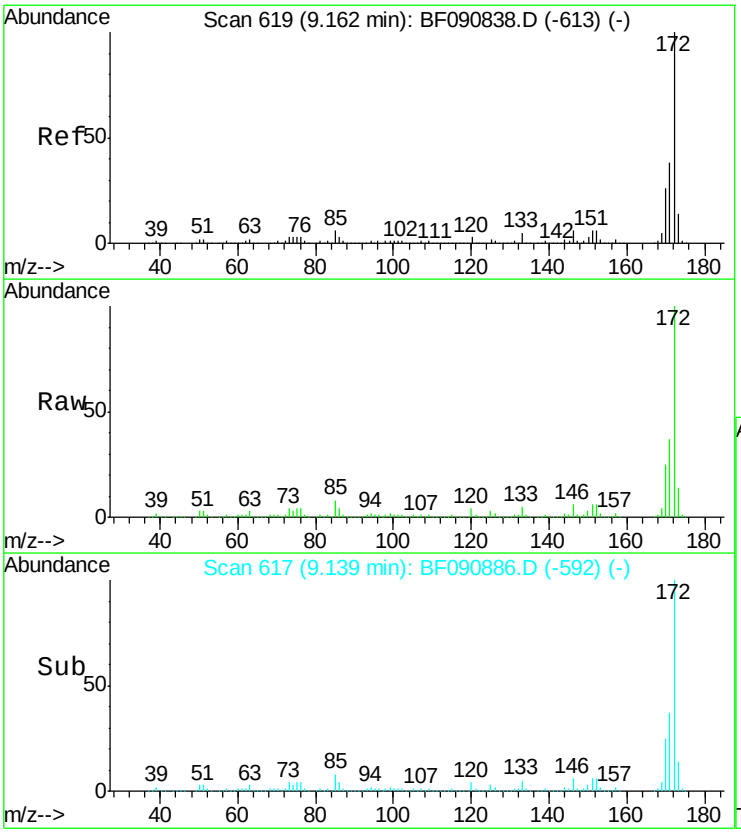
#41
2,4,6-Tribromophenol
Concen: 131.92 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:330 Resp: 419253

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	28.5	29.7	44.5#

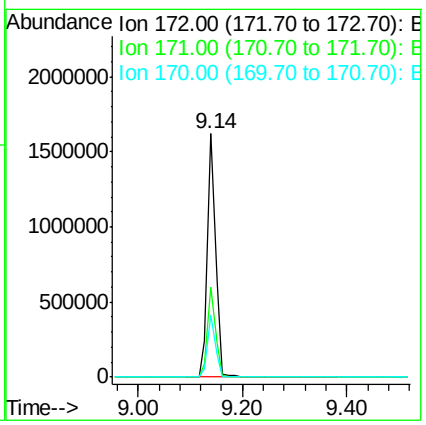


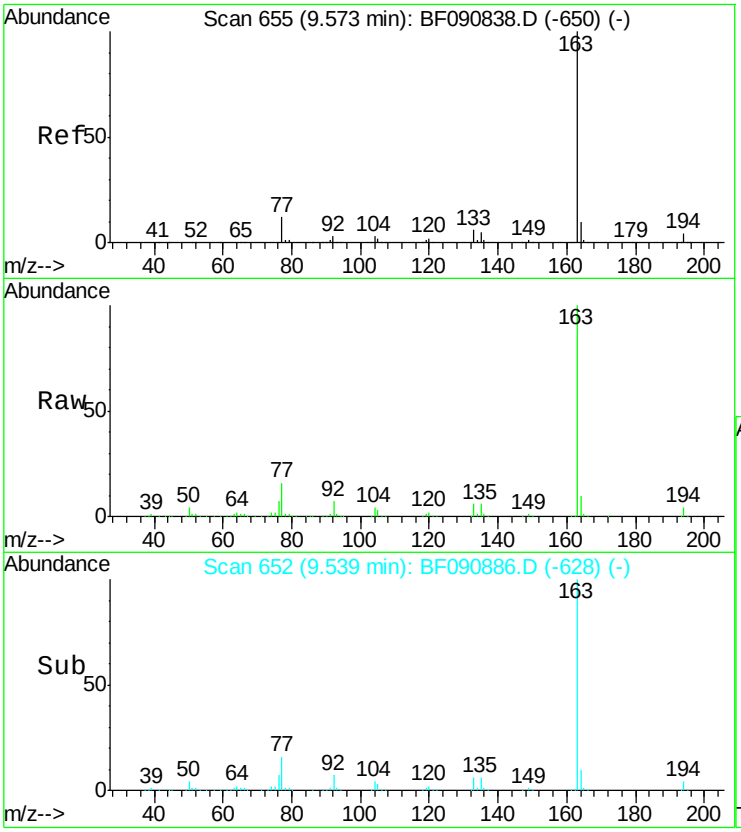


#44
2-Fluorobiphenyl
Concen: 100.51 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:172 Resp: 1770073

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.1	39.1
170	25.4	17.4	26.2



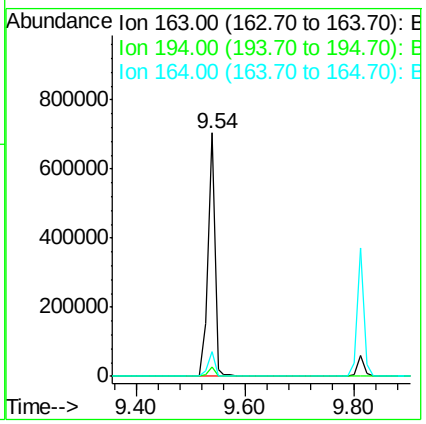


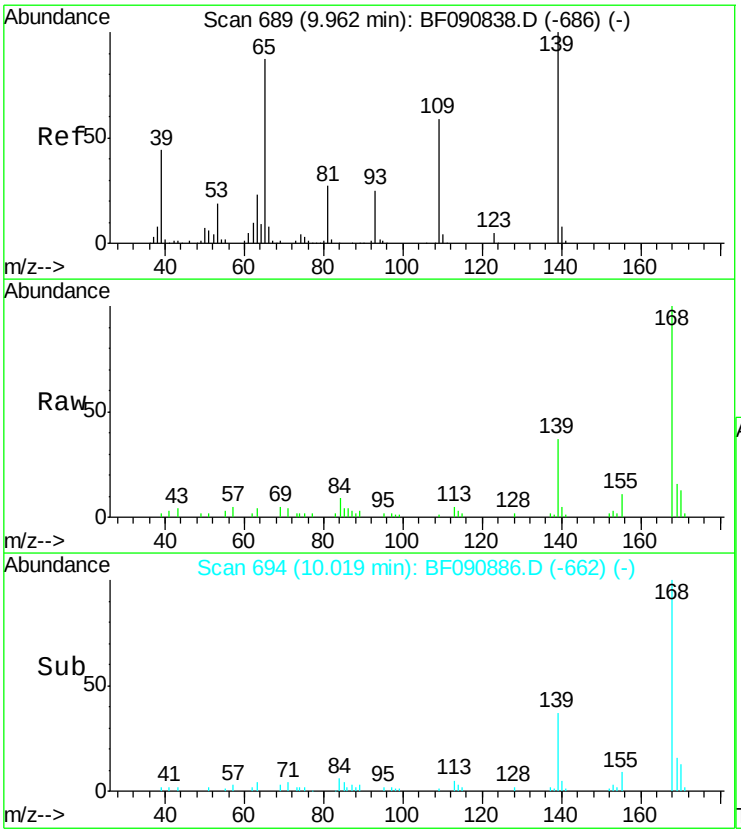
#49
Dimethylphthalate
Concen: 29.84 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:163 Resp: 616542

Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	10.1	8.3	12.5

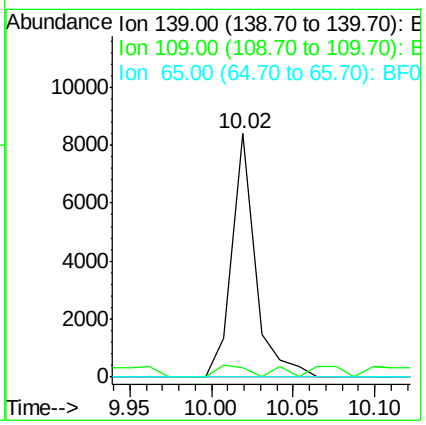


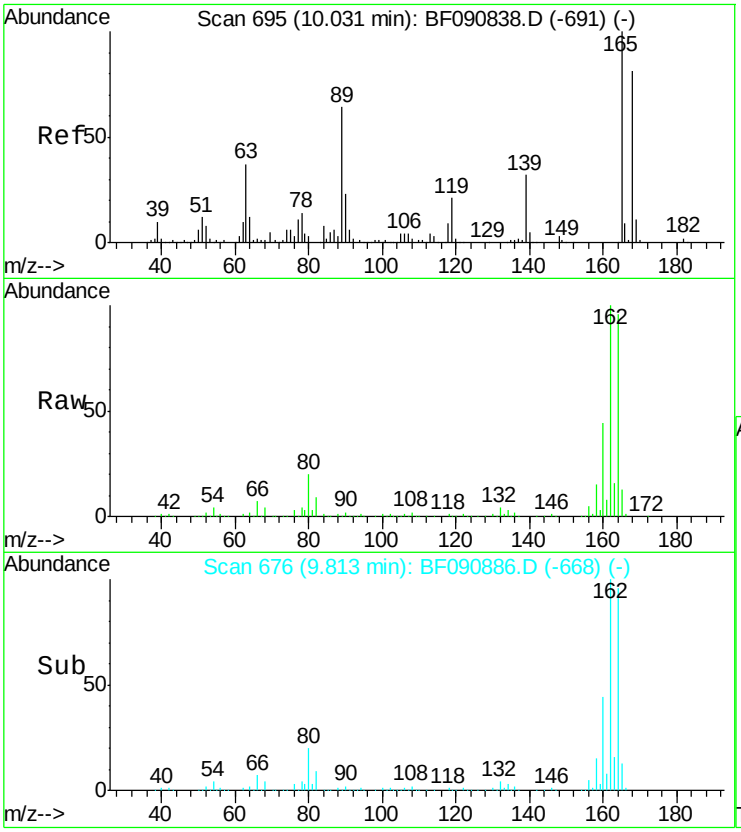


#55
4-Nitrophenol
Concen: 2.81 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.07 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:139 Resp: 8335

Ion	Ratio	Lower	Upper
139	100		
109	3.9	12.7	52.7#
65	0.0	45.9	85.9#



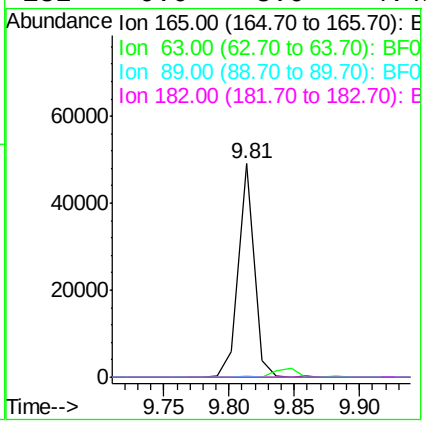


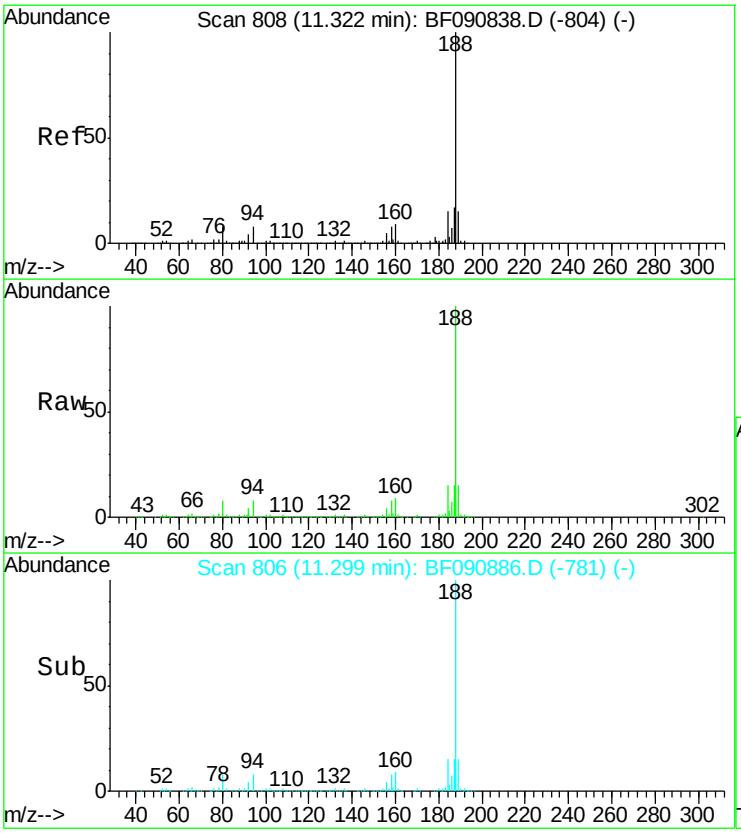
#56
2,4-Dinitrotoluene
Concen: 7.25 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:165 Resp: 41095

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.8	44.5	66.7#
182	0.0	3.0	4.4#

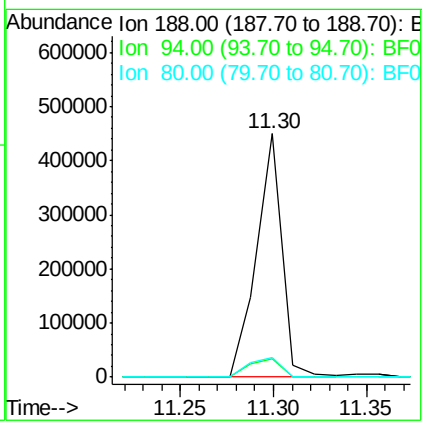


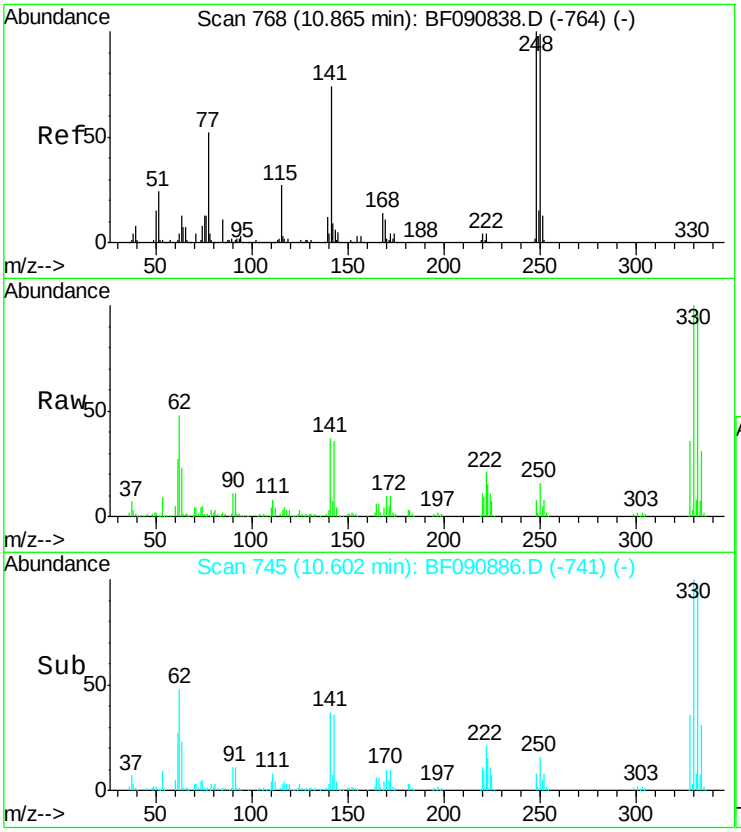


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:188 Resp: 431523

Ion	Ratio	Lower	Upper
188	100		
94	7.8	11.1	16.7#
80	8.2	11.0	16.4#



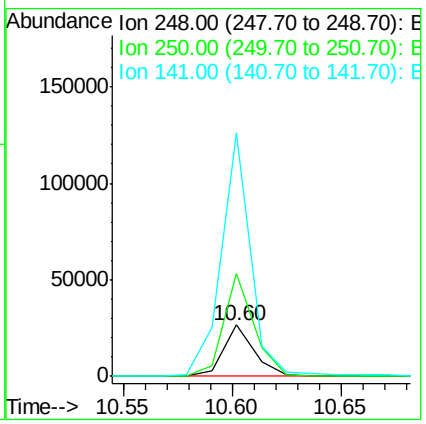


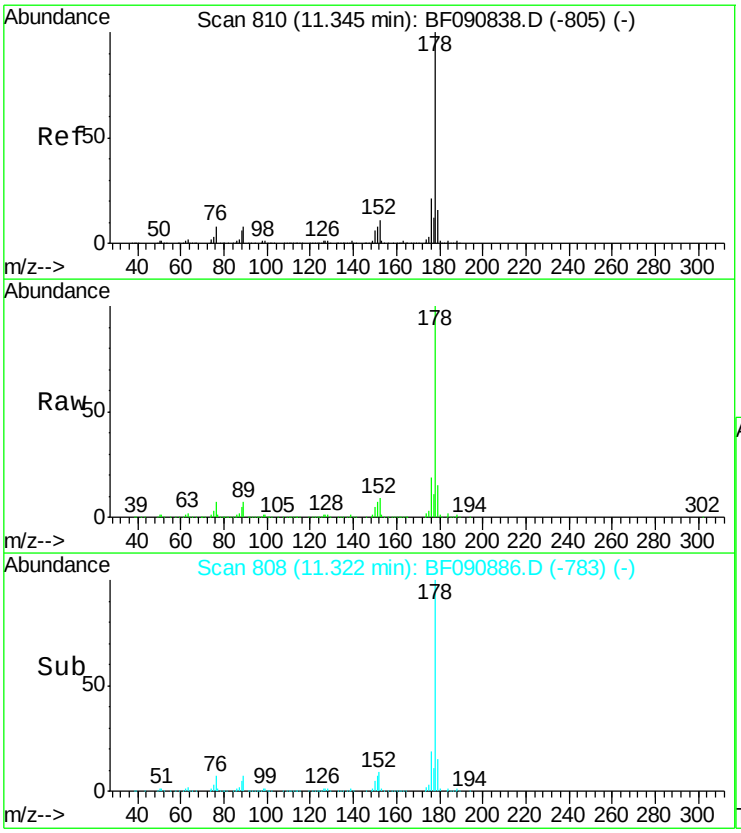
#66
4-Bromophenyl-phenylether
Concen: 5.43 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:248 Resp: 25649

Ion	Ratio	Lower	Upper
248	100		
250	200.3	78.5	117.7#
141	474.1	59.0	88.6#

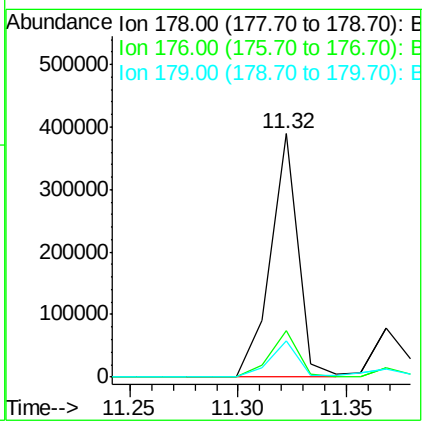


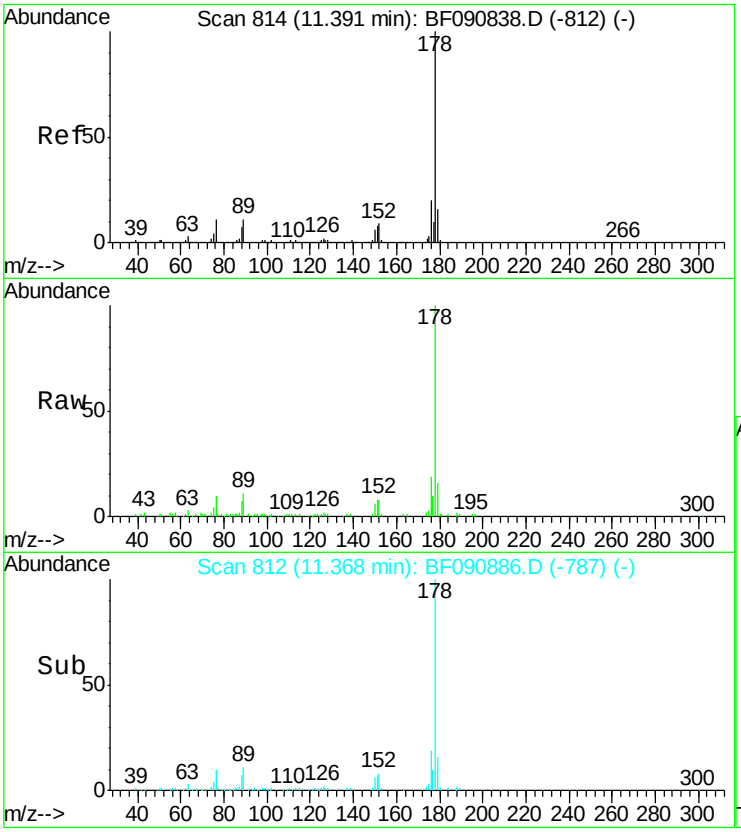


#70
Phenanthrene
Concen: 15.90 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:178 Resp: 349482

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	15.0	12.2	18.2



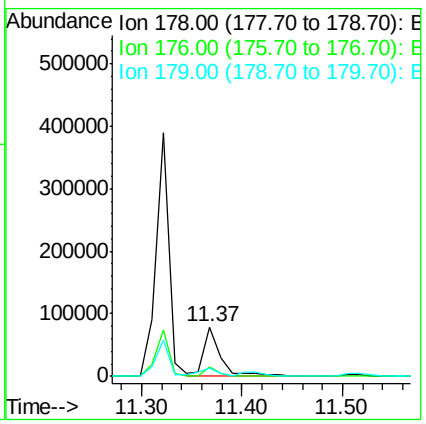


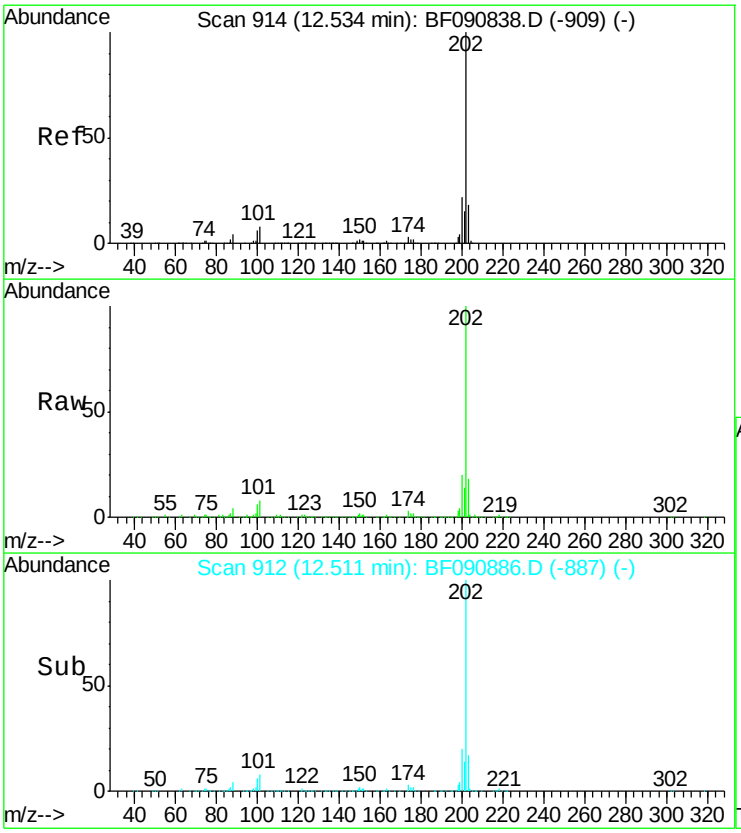
#71
Anthracene
Concen: 3.92 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:178 Resp: 90605

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.1	21.1
179	16.2	12.2	18.2

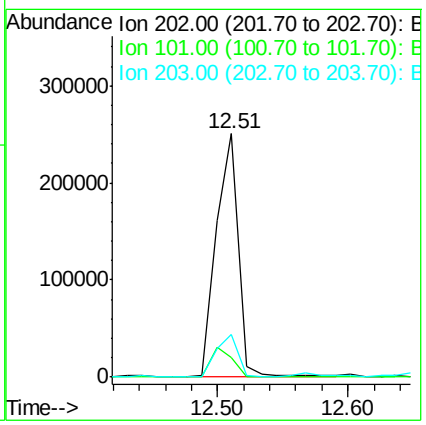


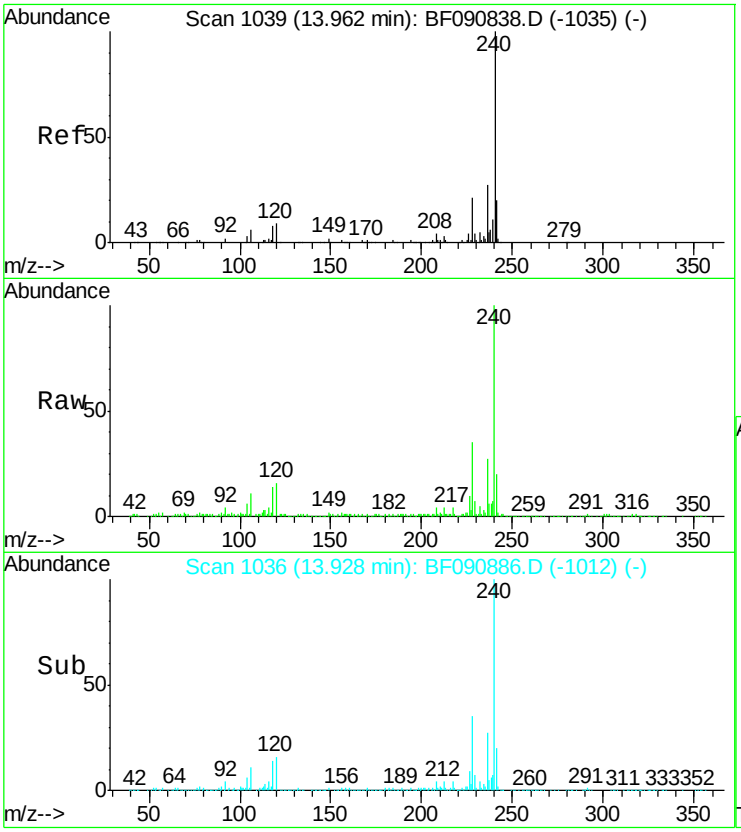


#74
Fluoranthene
Concen: 12.33 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:202 Resp: 296734

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	38.3
203	17.6	0.0	37.3



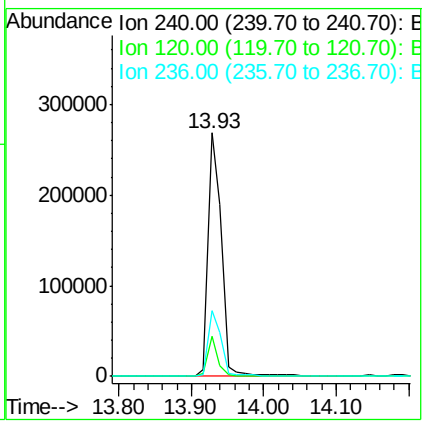


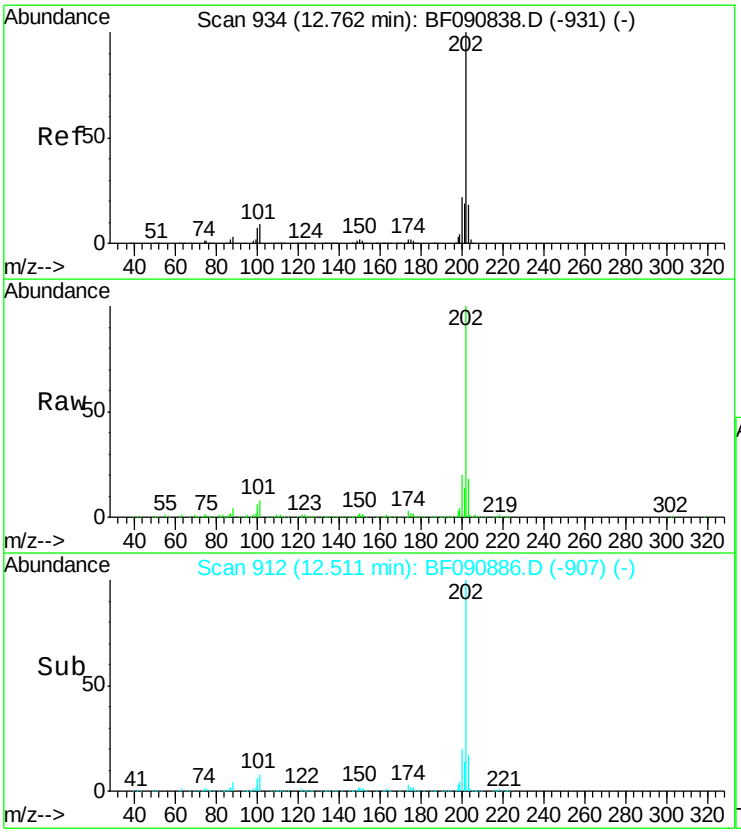
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:240 Resp: 337859

Ion	Ratio	Lower	Upper
240	100		
120	16.5	16.2	24.2
236	26.8	18.4	27.6

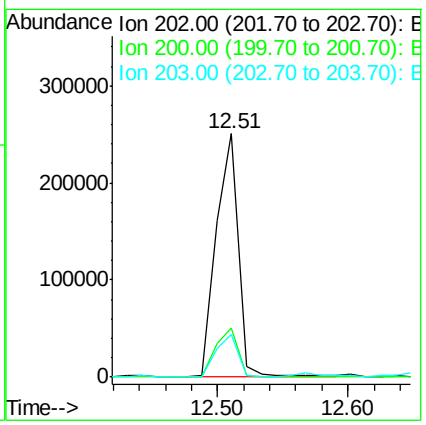


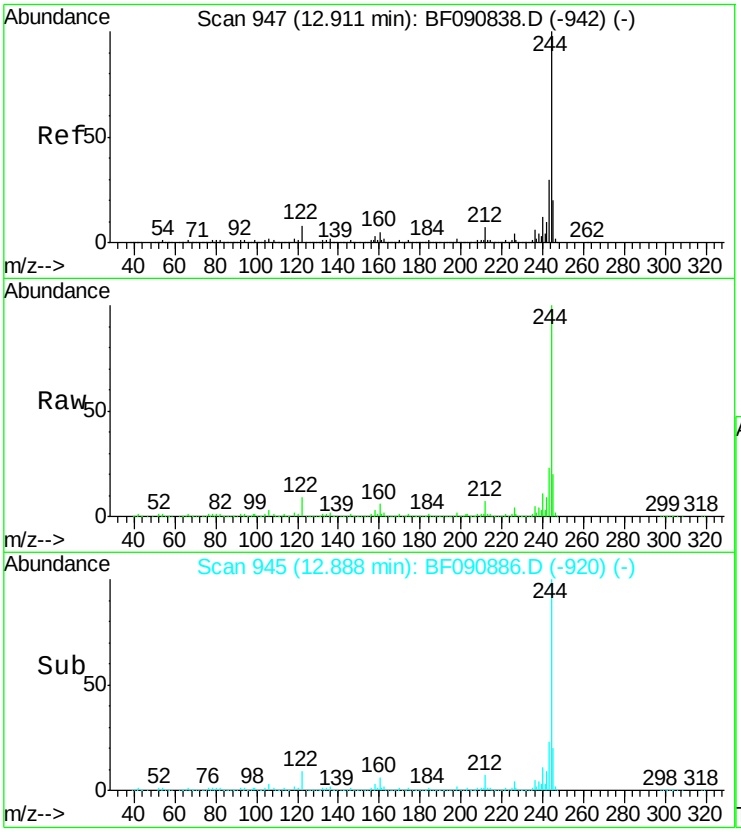


#77
Pyrene
Concen: 13.88 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.24 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:202 Resp: 296734

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.0	22.4
203	17.6	14.1	21.1



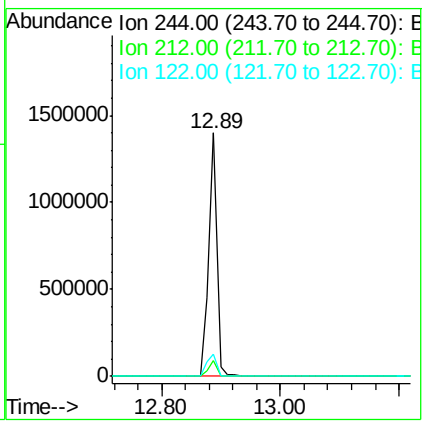


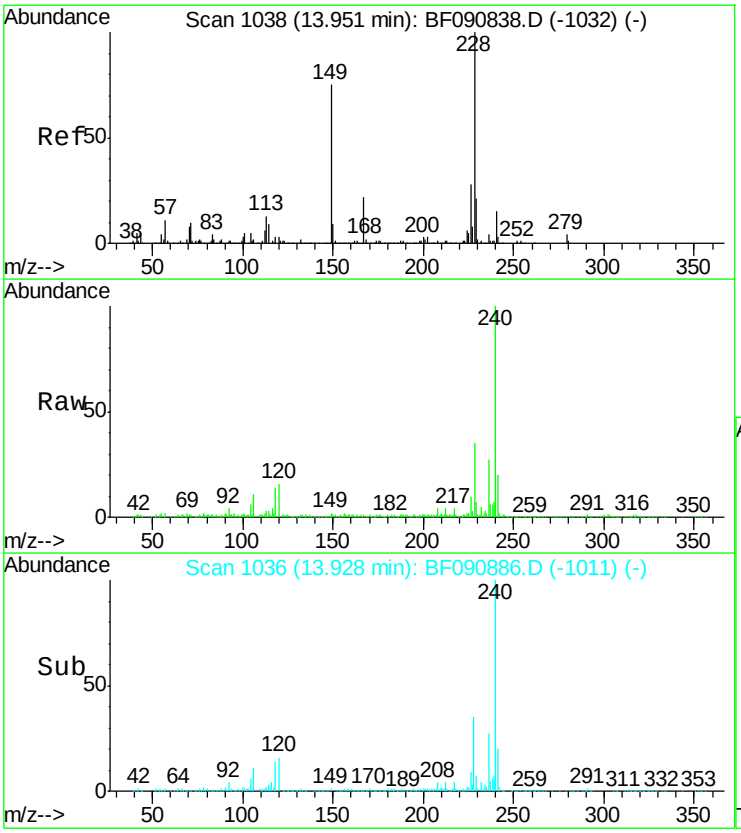
#78
Terphenyl-d14
Concen: 99.73 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:244 Resp: 1337474

Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.3	6.5#
122	9.2	17.4	26.2#

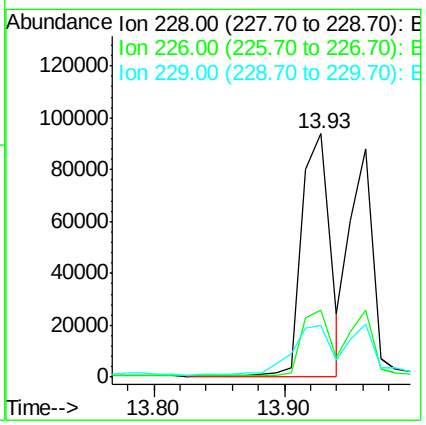


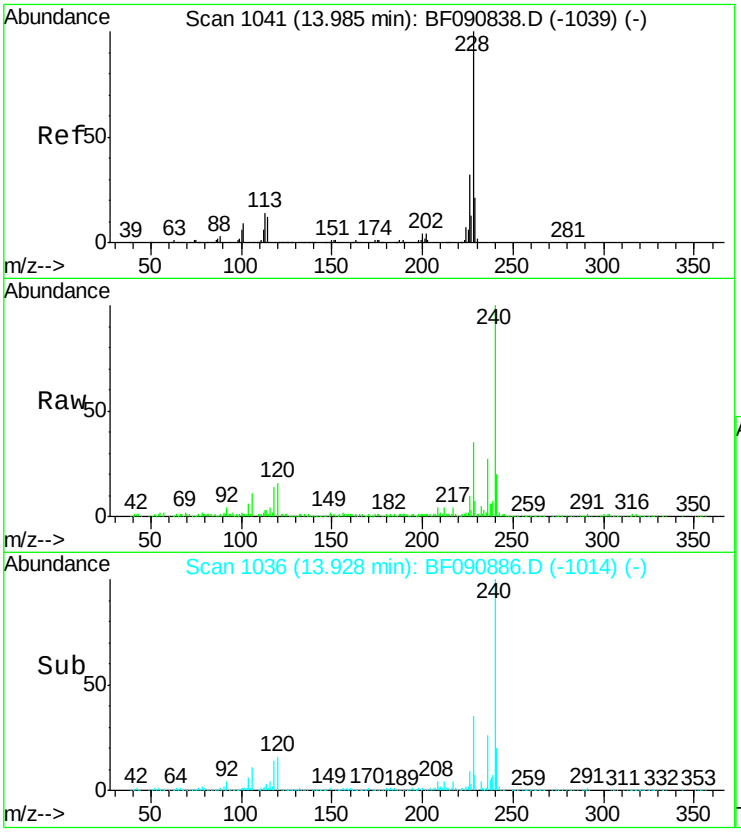


#80
Benzo(a)anthracene
Concen: 7.78 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:228 Resp: 139454

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.0	30.0
229	21.4	15.4	23.2



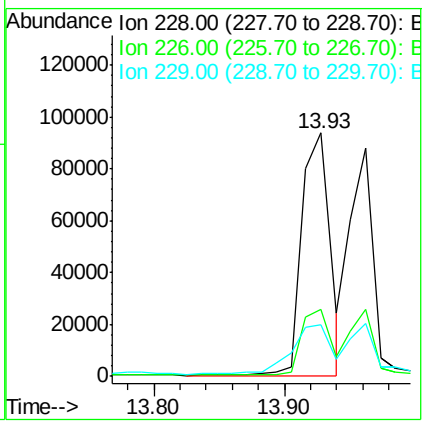


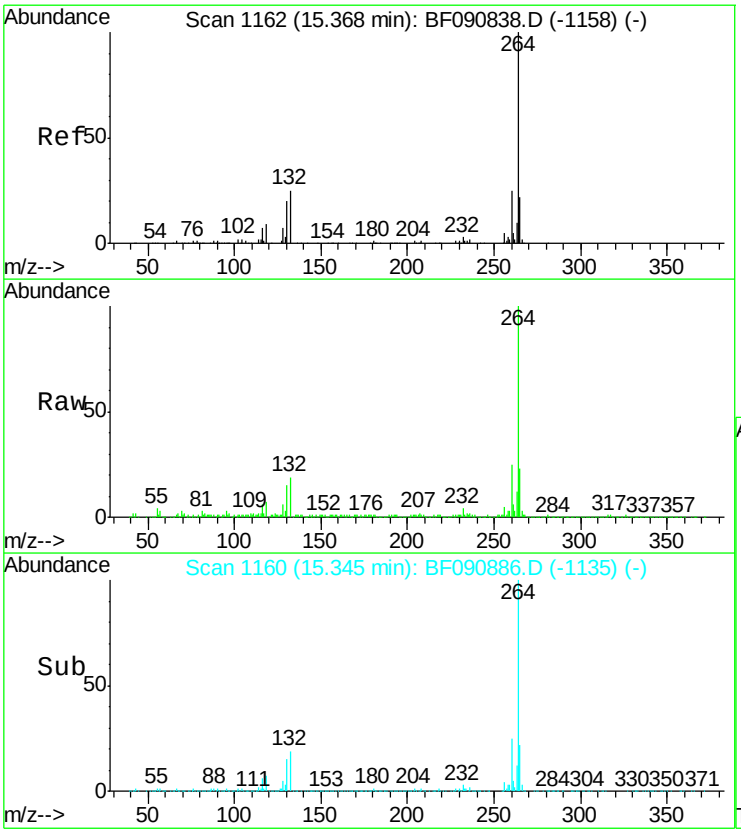
#82
Chrysene
Concen: 7.69 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:228 Resp: 139454

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	21.4	15.6	23.4

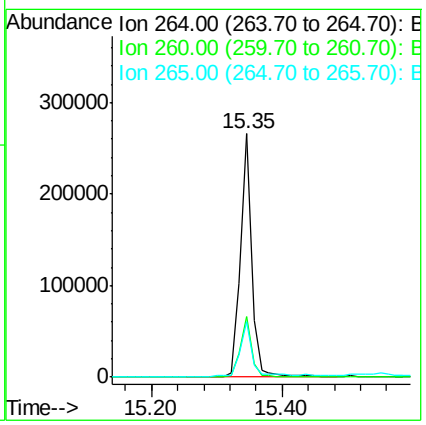


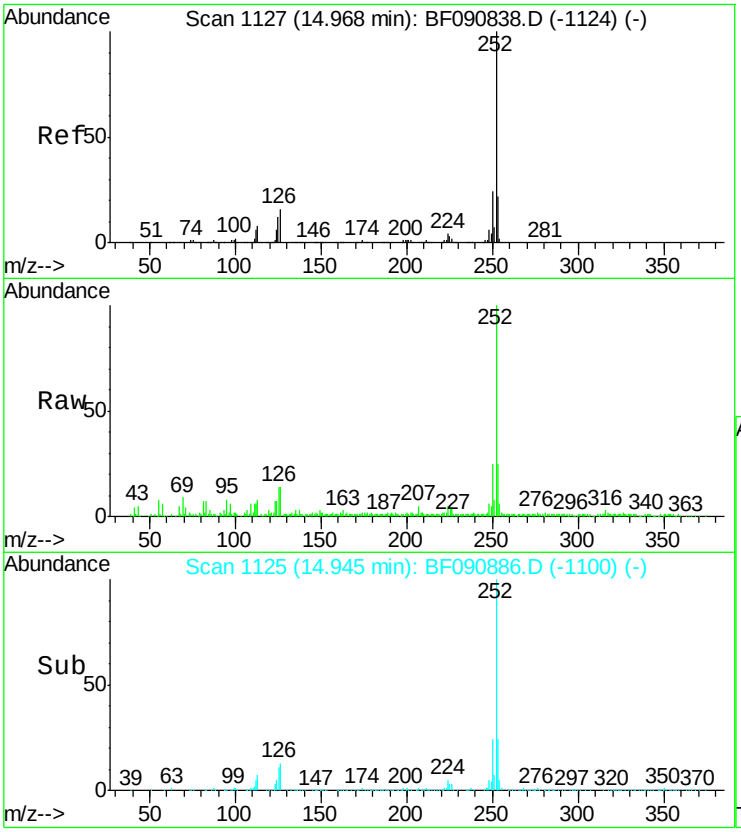


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:264 Resp: 310779

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	22.6	17.2	25.8



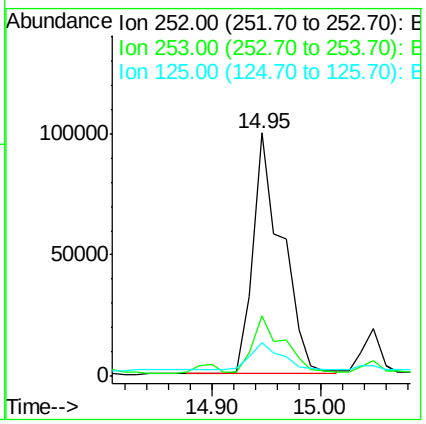


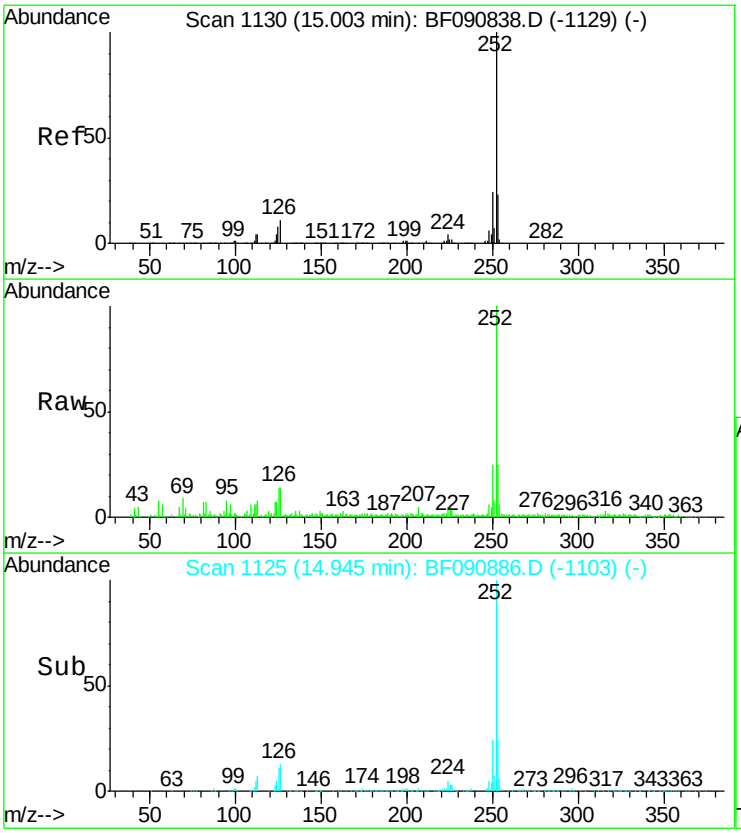
#87
Benzo(b)fluoranthene
Concen: 8.85 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:252 Resp: 185041

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	13.9	17.1	25.7#

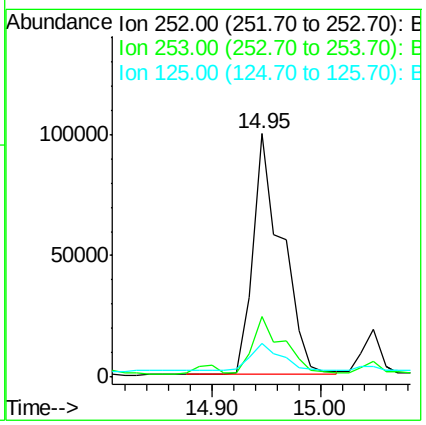


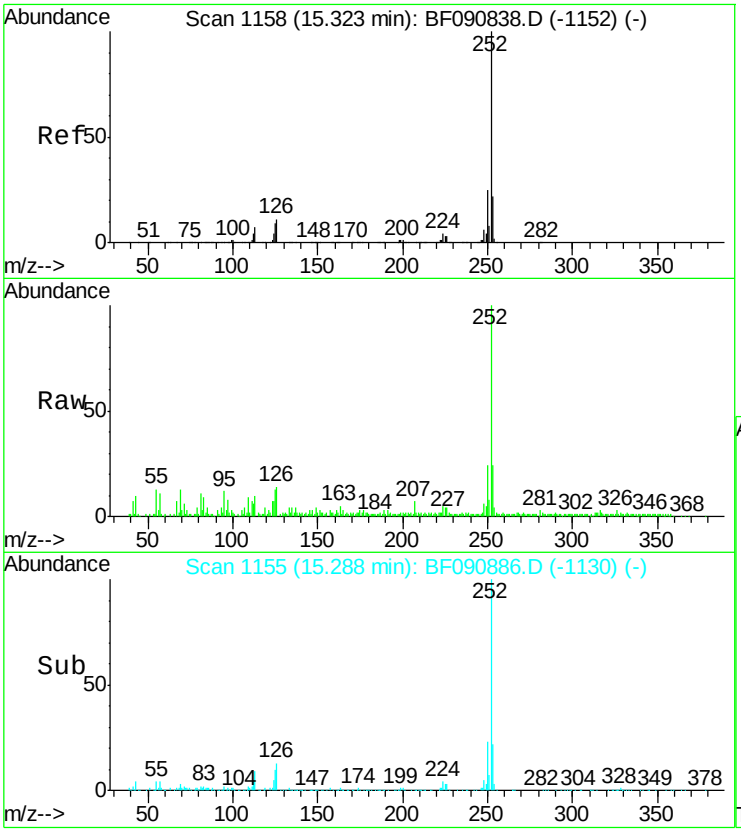


#88
Benzo(k)fluoranthene
Concen: 11.20 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.05 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:252 Resp: 185041

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.4
125	13.9	16.0	24.0#



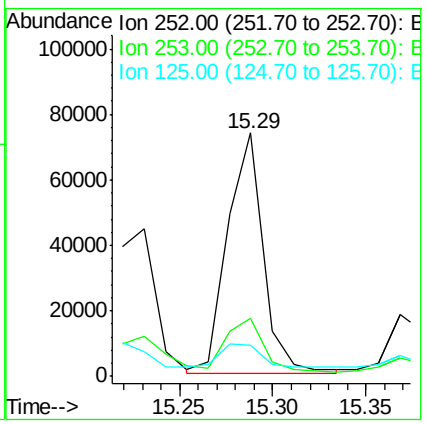


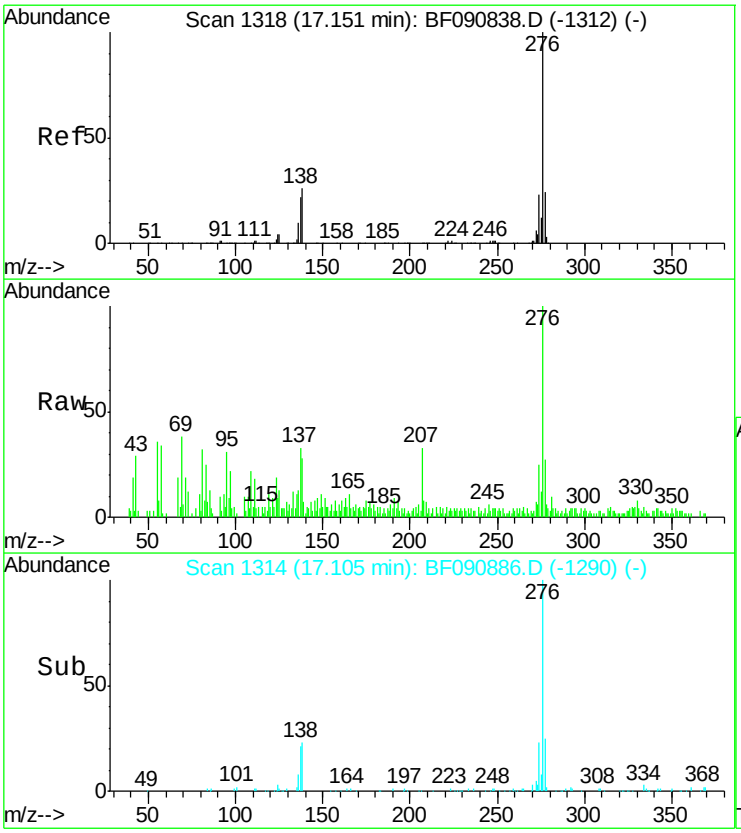
#89
Benzo(a)pyrene
Concen: 5.45 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SB-1COMP(0-16FEET)

Tgt Ion:252 Resp: 97846

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	13.0	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 2.54 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF090886.D
Acq: 28 Oct 2016 00:14

Tgt Ion:276 Resp: 36316

Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.8	26.6#
138	27.8	34.6	51.8#