Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091777.D
Acq On : 19 Dec 2016 12:45
Operator : UM/SJ
Sample : H6089-01DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2DL

Quant Time: Dec 19 17:50:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	205260	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	722086	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	420594	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	655317	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	543885	20.00	ng		-0.02
86) Perylene-d12	15.30	264	430403	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	143161	11.69	ng		-0.02
7) Phenol-d6	6.40	99	189141	12.66	ng		-0.02
23) Nitrobenzene-d5	7.32	82	142017	11.34	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	31218	8.75	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	218016	10.41	ng		-0.01
78) Terphenyl-d14	12.85	244	207023	9.61	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.06	128	433715	12.57	ng		99
37) 2-Methylnaphthalene	8.76	142	1296449	59.61	ng		99
45) 1,1'-Biphenyl	9.22	154	172287	5.72	ng		95
51) Acenaphthene	9.84	154	89568	3.74	ng	#	63
57) Fluorene	10.35	166	219415	9.92	ng	#	92
70) Phenanthrene	11.30	178	617081	18.85	ng		98
71) Anthracene	11.30	178	617081	17.79	ng		99
77) Pyrene	12.71	202	111968	2.85	ng	#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
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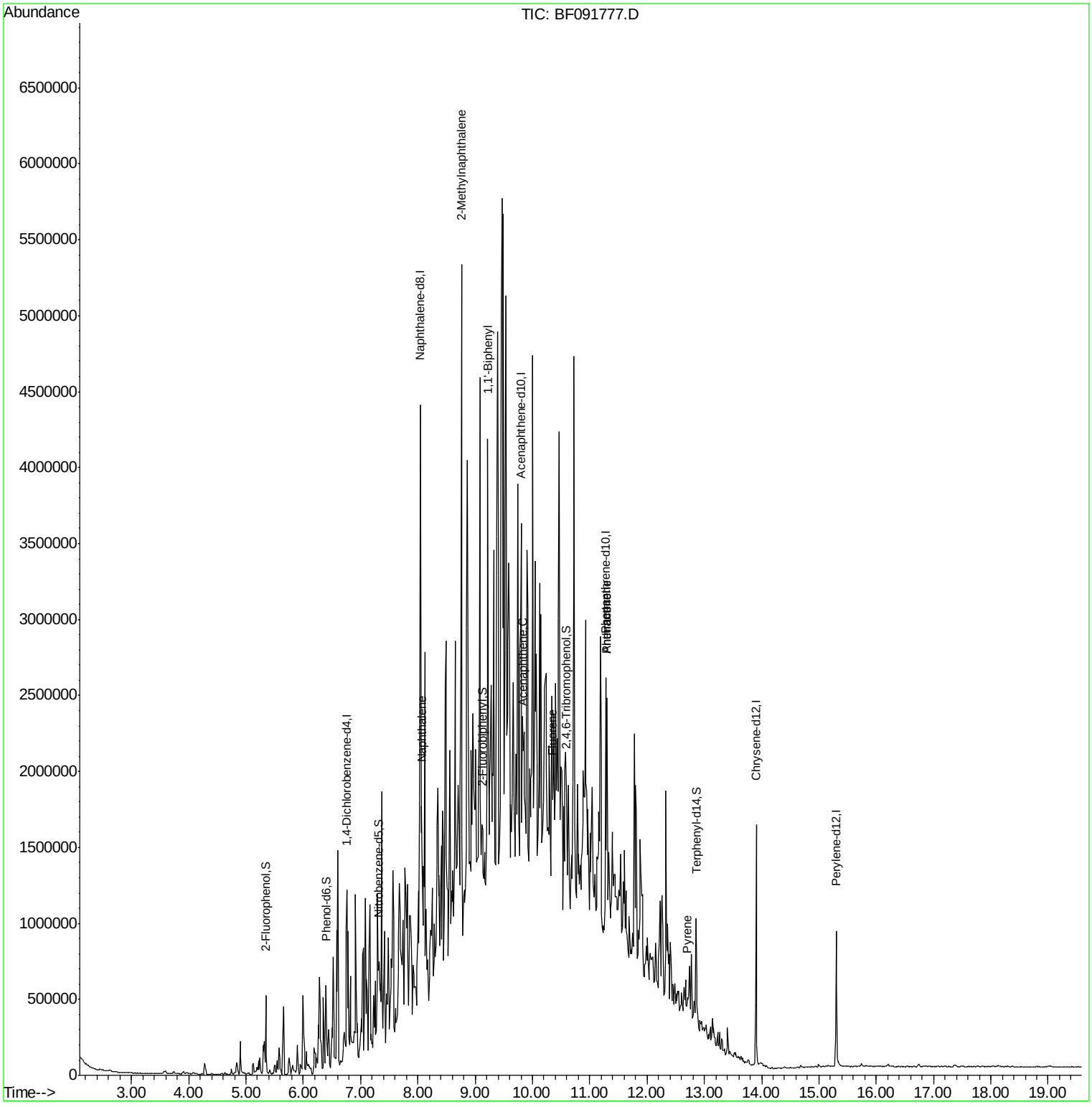
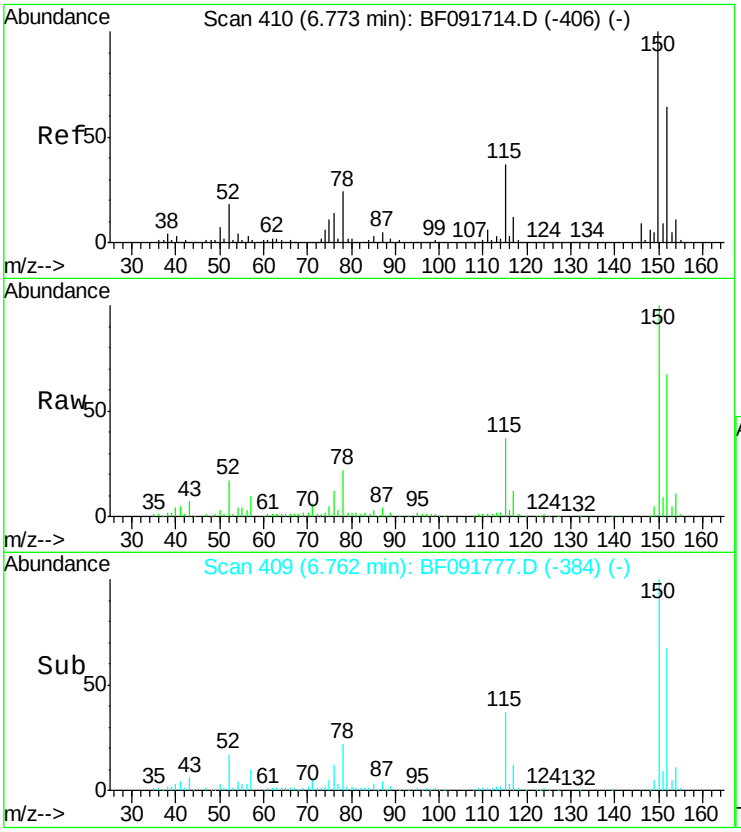
Acq On : 19 Dec 2016 12:45
Operator : UM/SJ
Sample : H6089-01DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-2DL

Quant Time: Dec 19 17:50:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration



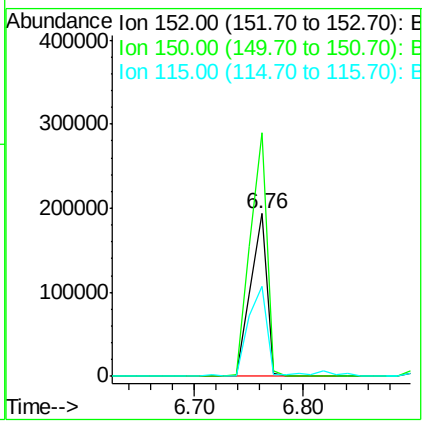


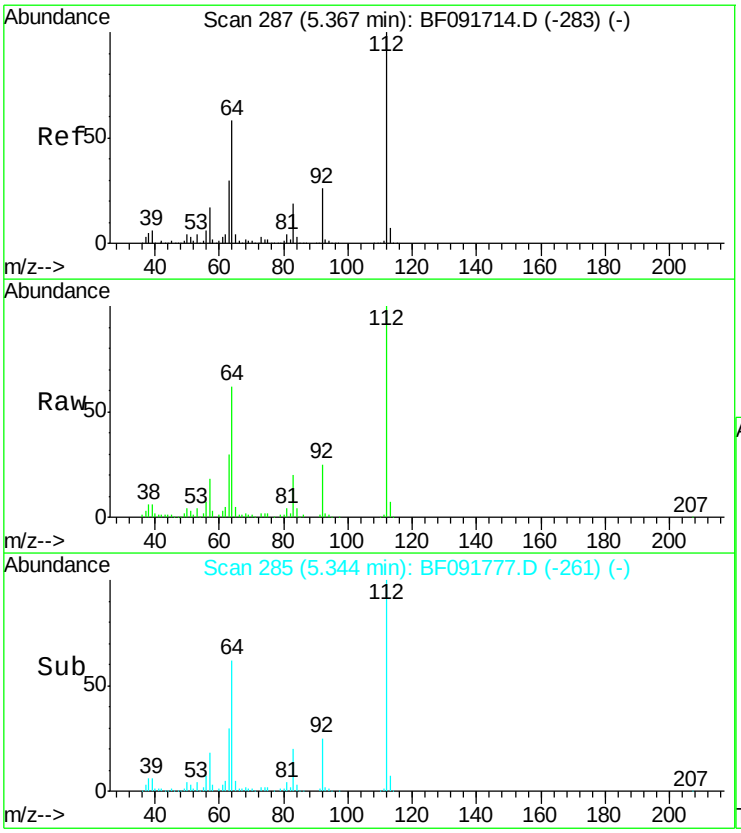
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion:152 Resp: 205260

Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.9	187.3
115	55.6	46.0	69.0

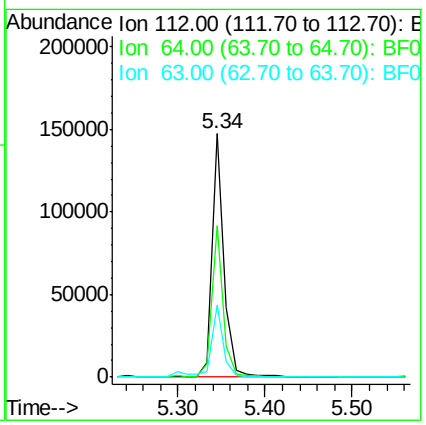


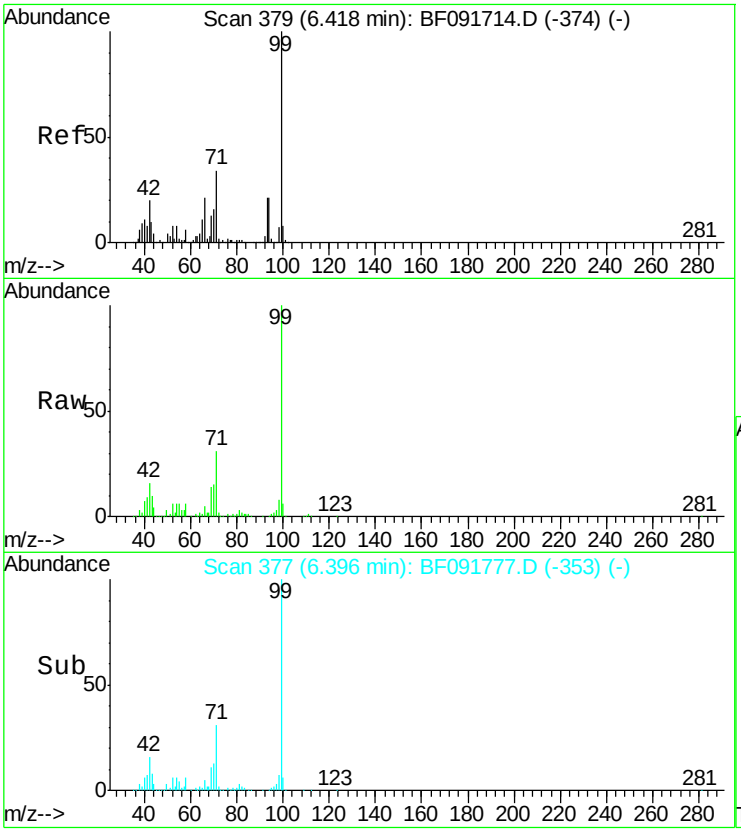


#5
2-Fluorophenol
Concen: 11.69 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:112 Resp: 143161

Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.1	69.1
63	29.9	23.8	35.6



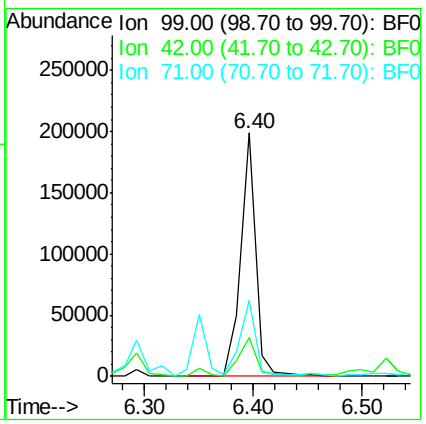


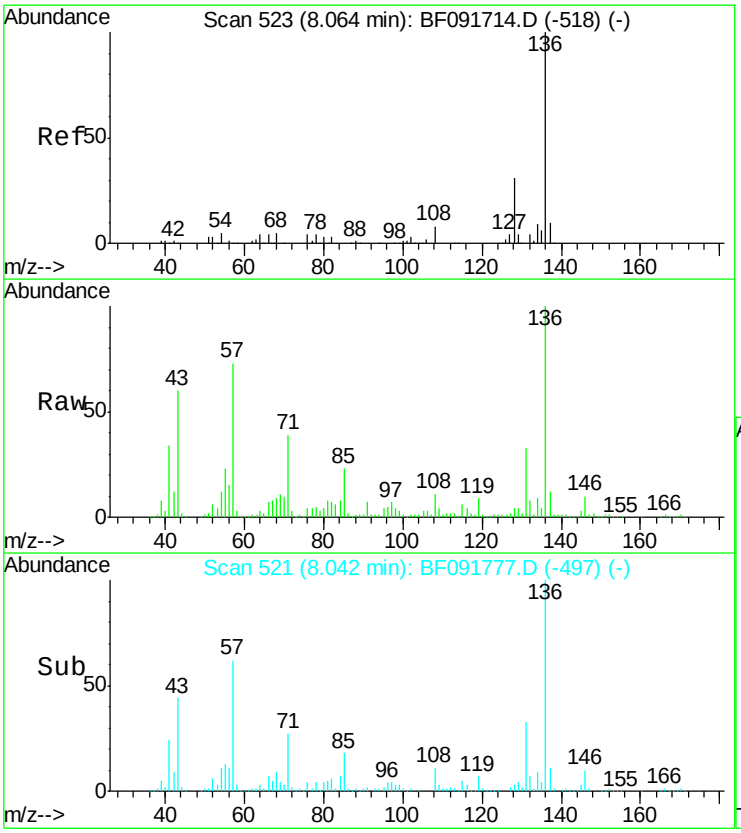
#7
Phenol-d6
Concen: 12.66 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion: 99 Resp: 189141

Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.6	23.4
71	31.1	27.5	41.3

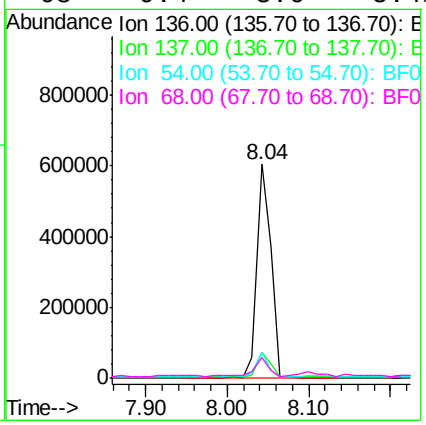


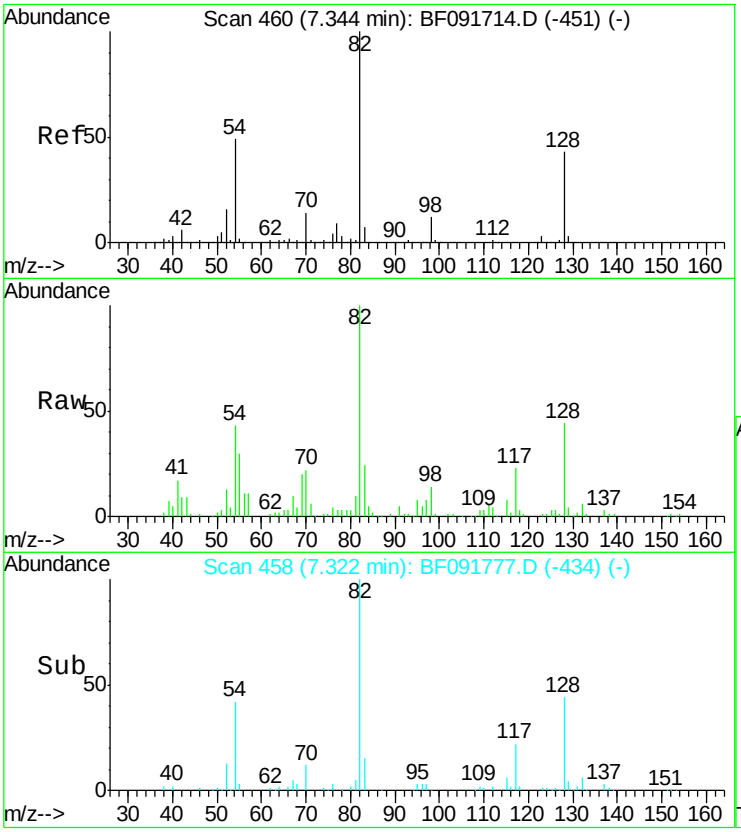


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:136 Resp: 722086

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.4	12.6
54	12.0	4.5	6.7#
68	9.4	3.6	5.4#



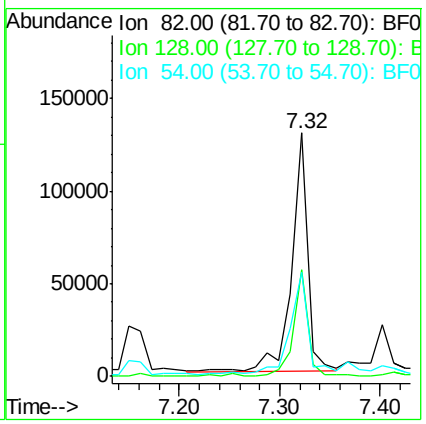


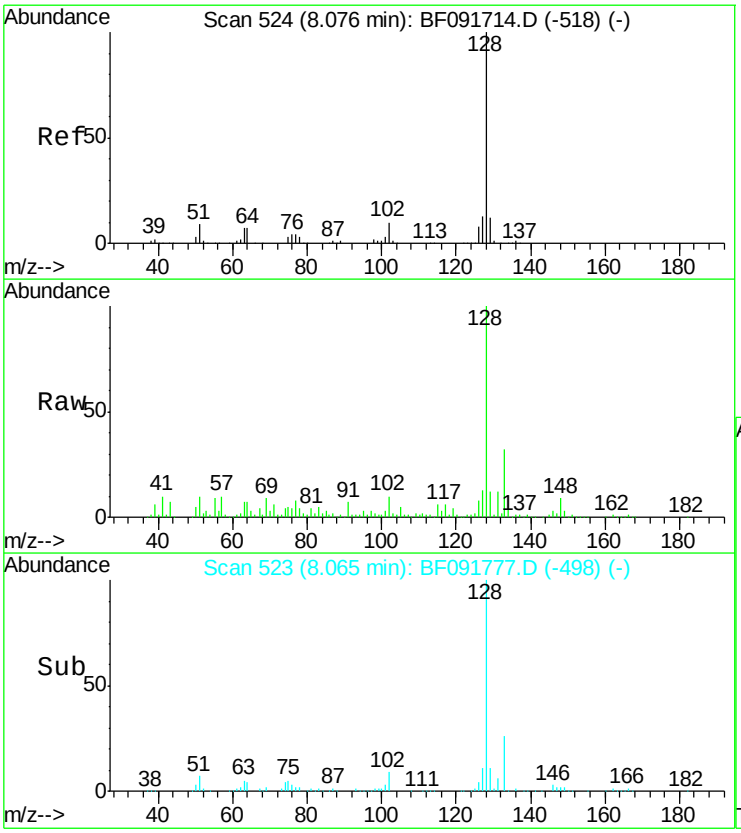
#23
Nitrobenzene-d5
Concen: 11.34 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion: 82 Resp: 142017

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	42.9	39.5	59.3

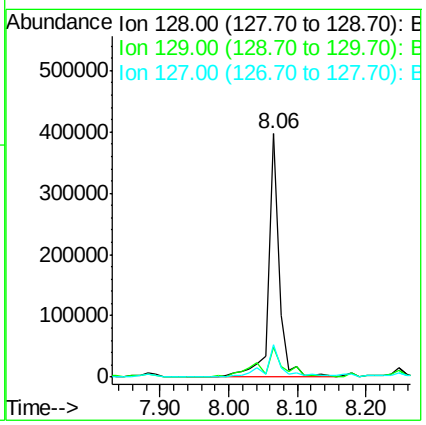


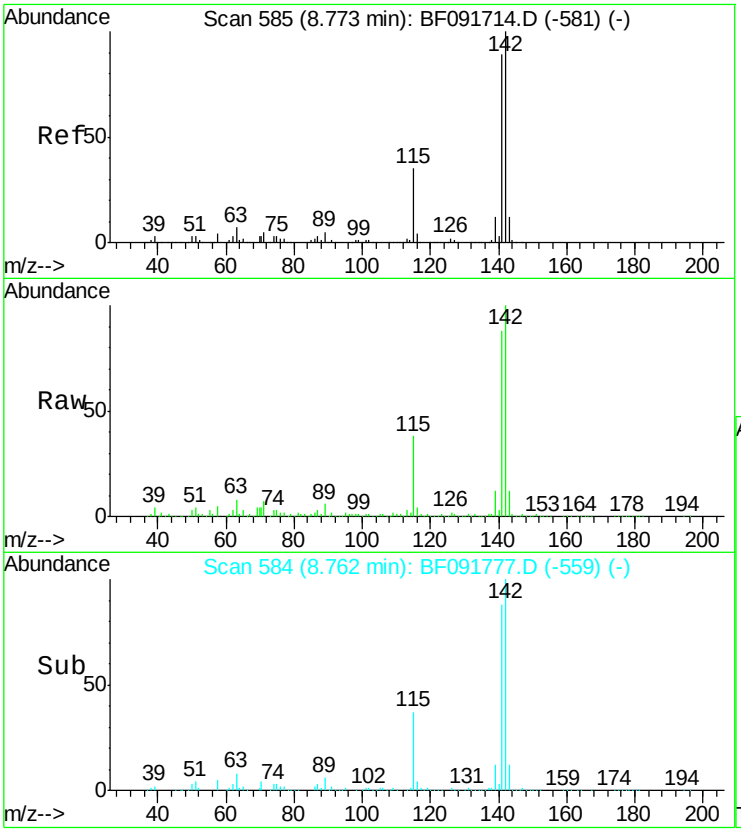


#31
Naphthalene
Concen: 12.57 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:128 Resp: 433715

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.5	14.3
127	13.4	10.8	16.2



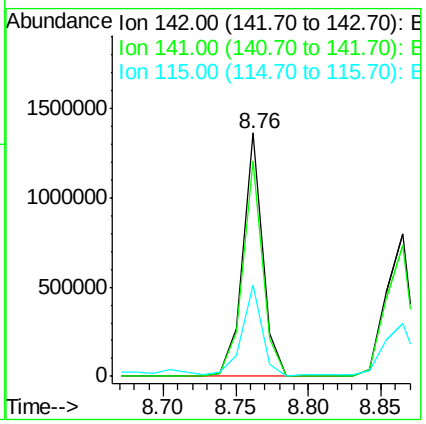


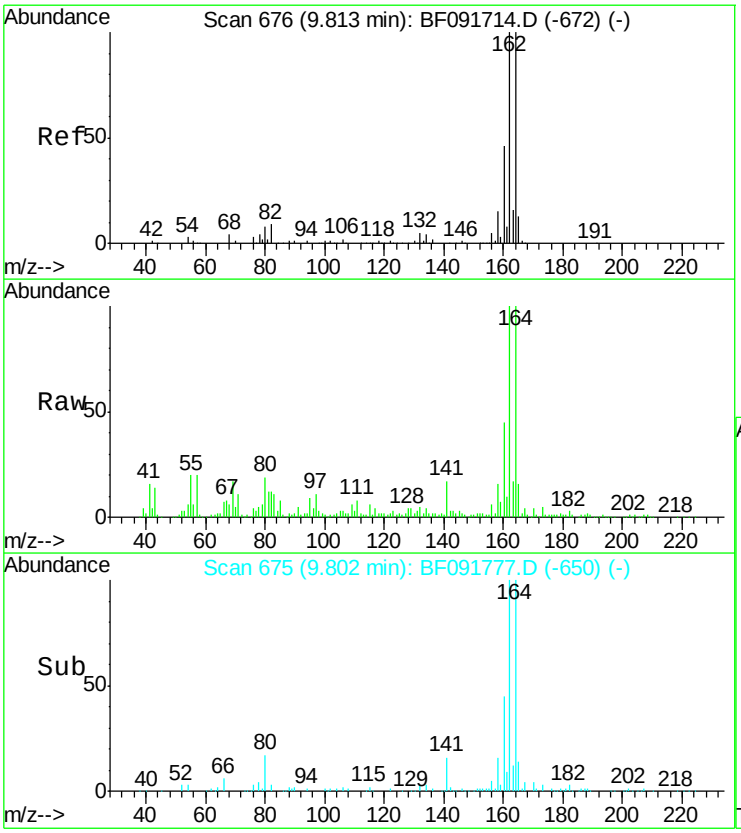
#37
2-Methylnaphthalene
Concen: 59.61 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion:142 Resp: 1296449

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	37.6	28.3	42.5

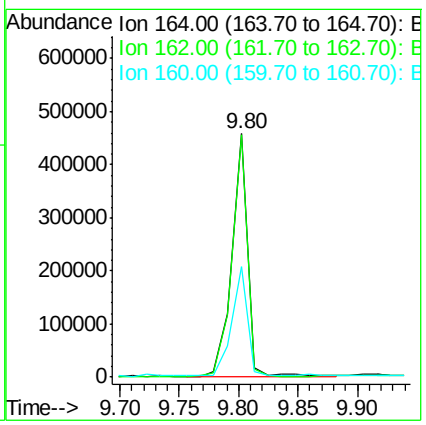


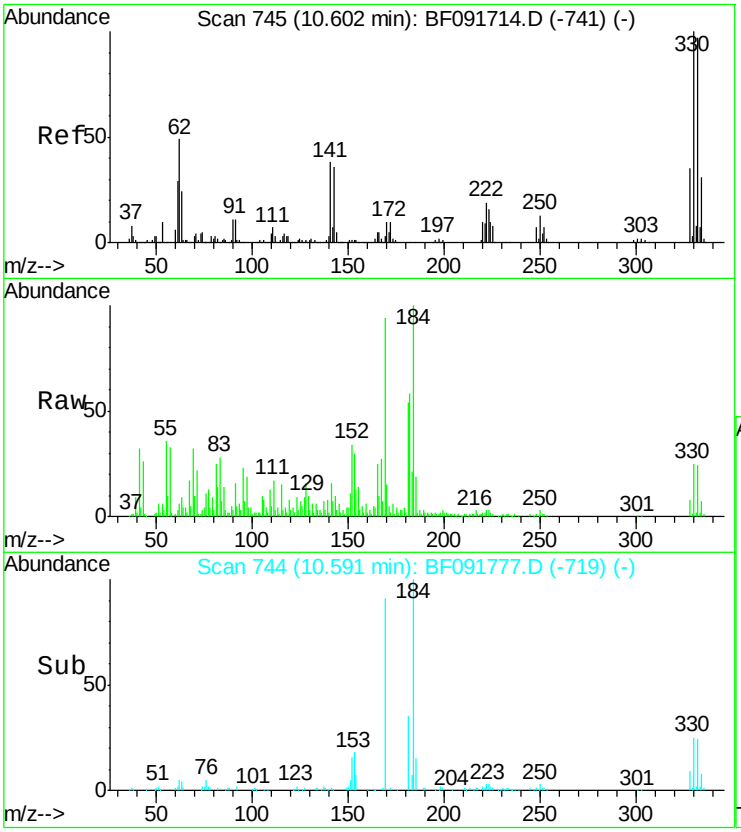


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:164 Resp: 420594

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	45.4	36.9	55.3



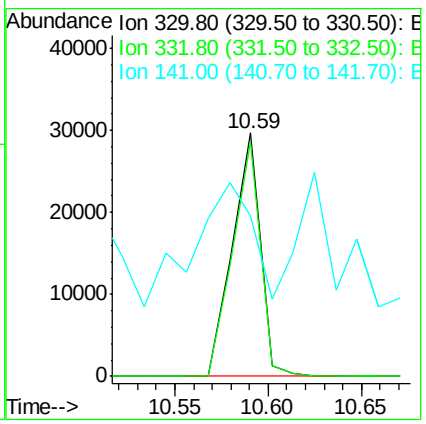


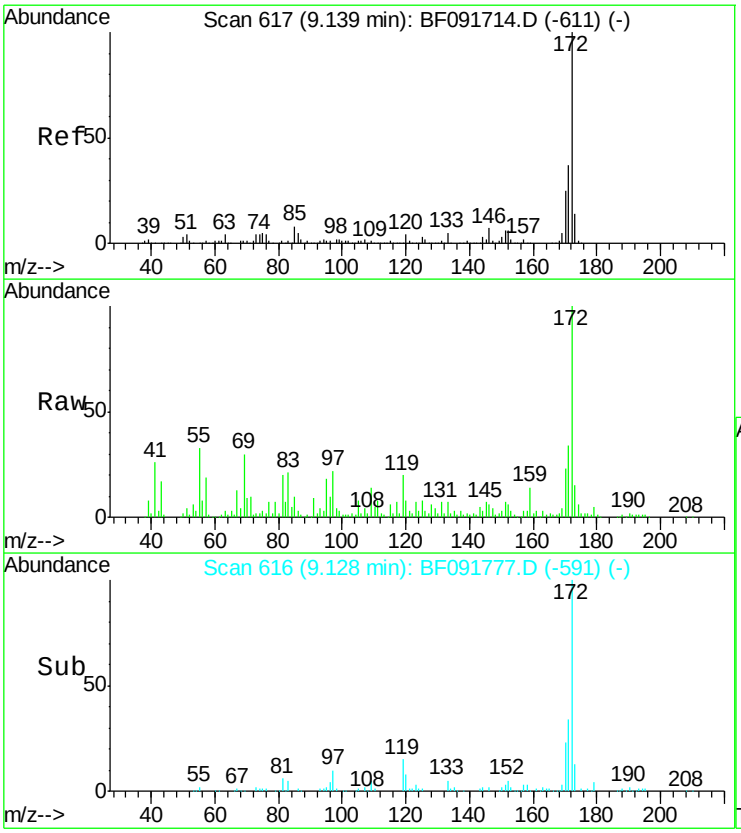
#41
2,4,6-Tribromophenol
Concen: 8.75 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion:330 Resp: 31218

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	106.4	34.1	51.1#

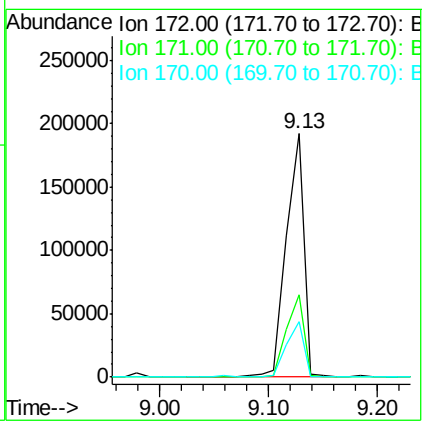


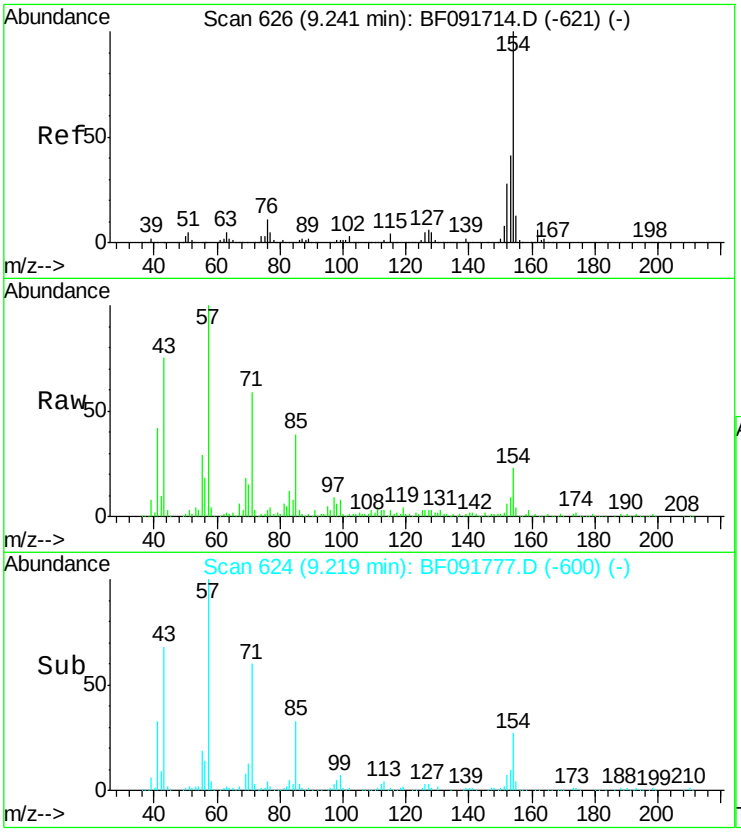


#44
2-Fluorobiphenyl
Concen: 10.41 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:172 Resp: 218016

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.4	44.0
170	23.0	20.2	30.4



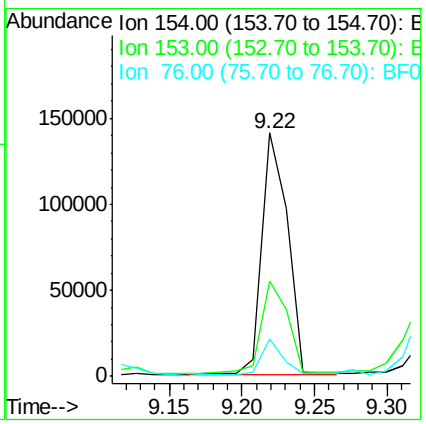


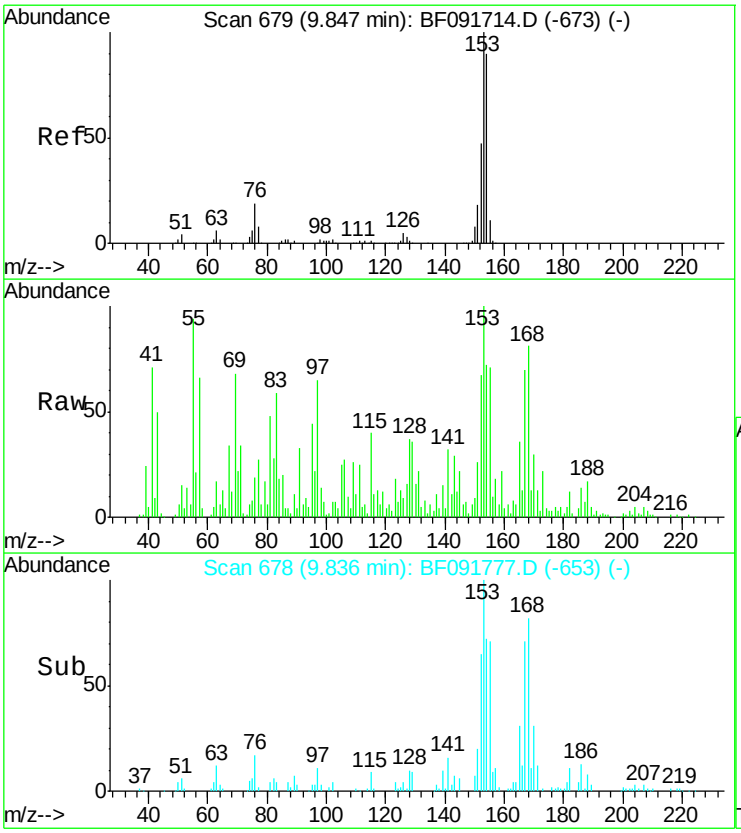
#45
1,1'-Biphenyl
Concen: 5.72 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion:154 Resp: 172287

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.9	60.9
76	15.3	0.0	30.5

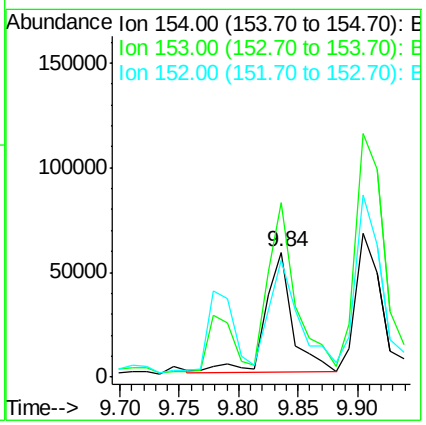


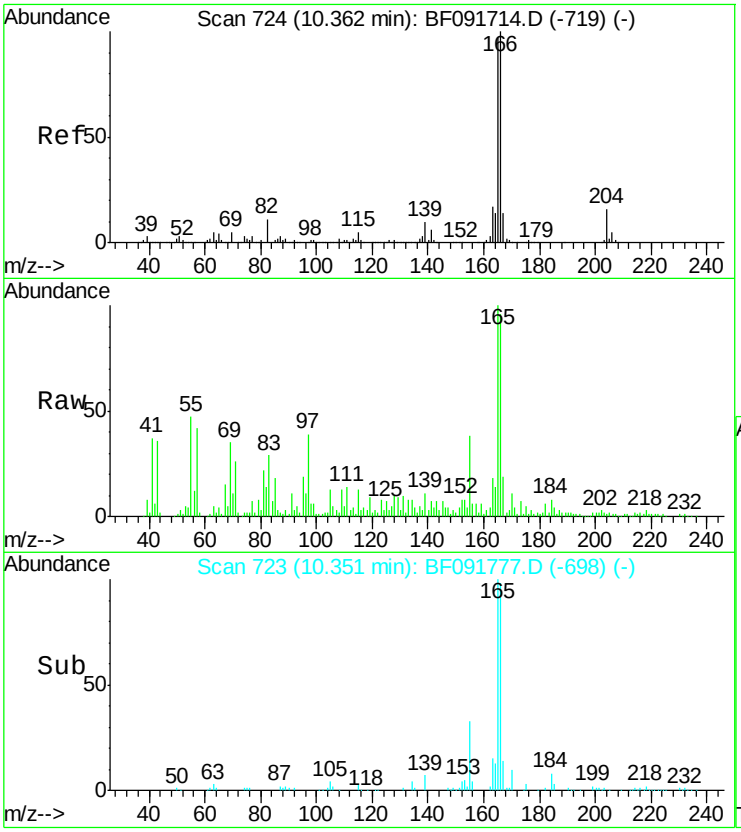


#51
Acenaphthene
Concen: 3.74 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:154 Resp: 89568

Ion	Ratio	Lower	Upper
154	100		
153	139.5	88.6	133.0#
152	93.3	41.6	62.4#



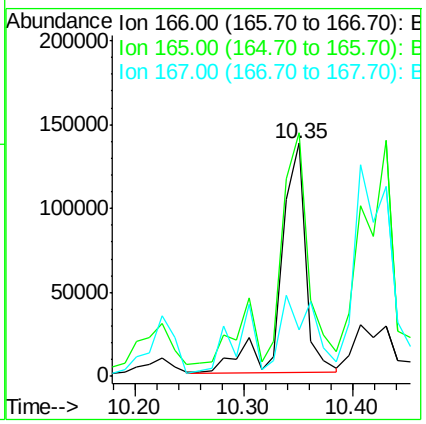


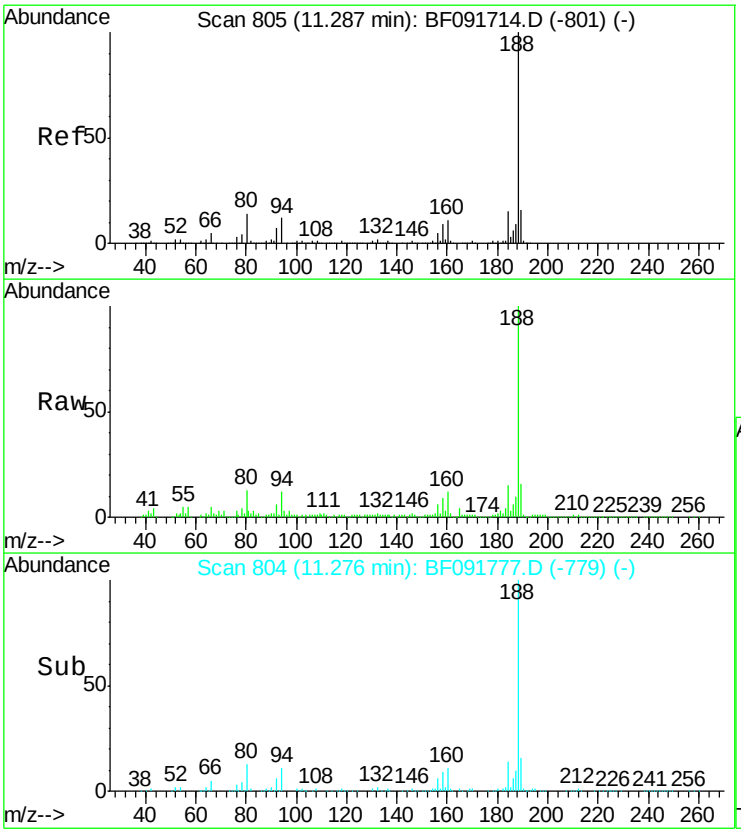
#57
Fluorene
Concen: 9.92 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion:166 Resp: 219415

Ion	Ratio	Lower	Upper
166	100		
165	104.4	77.8	116.8
167	19.8	10.8	16.2#

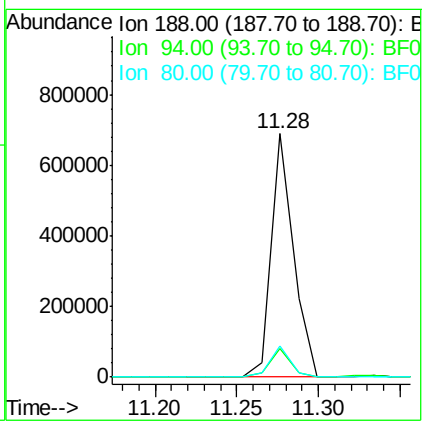


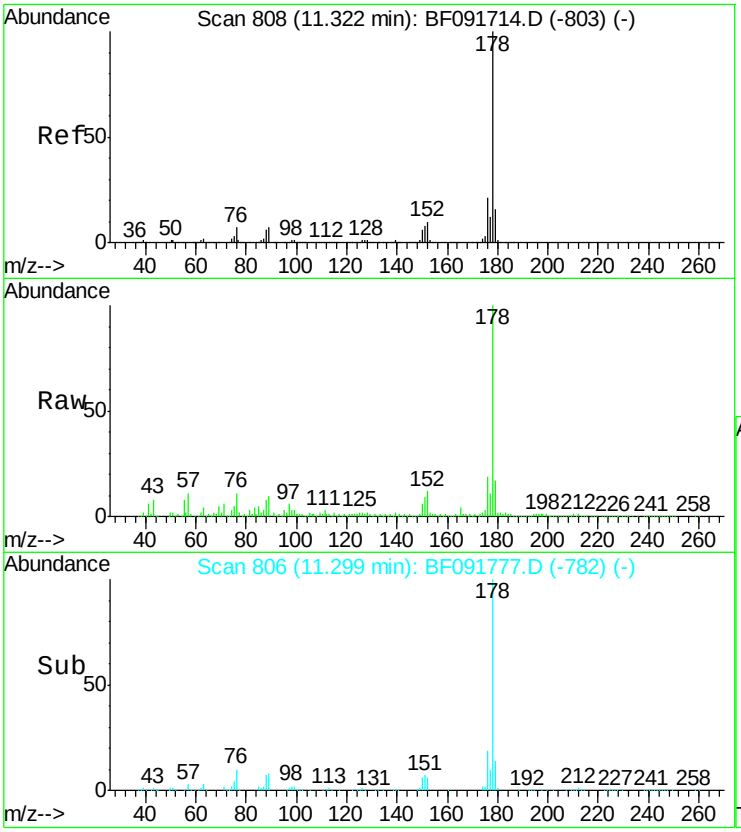


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:188 Resp: 655317

Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.0	15.0
80	12.9	11.2	16.8

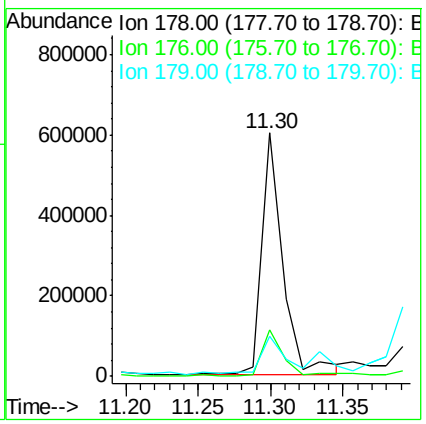




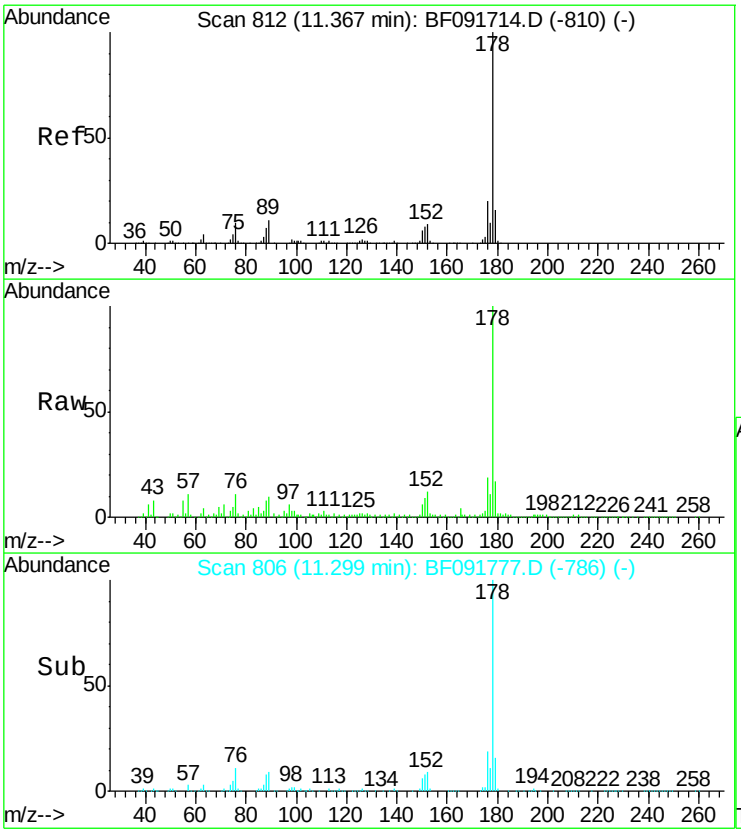
#70
Phenanthrene
Concen: 18.85 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:178 Resp: 617081

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	16.6	12.8	19.2



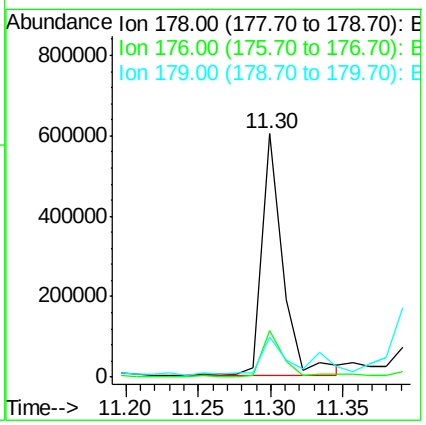
Instrument :
BNA_F
ClientSampleId :
T-2DL

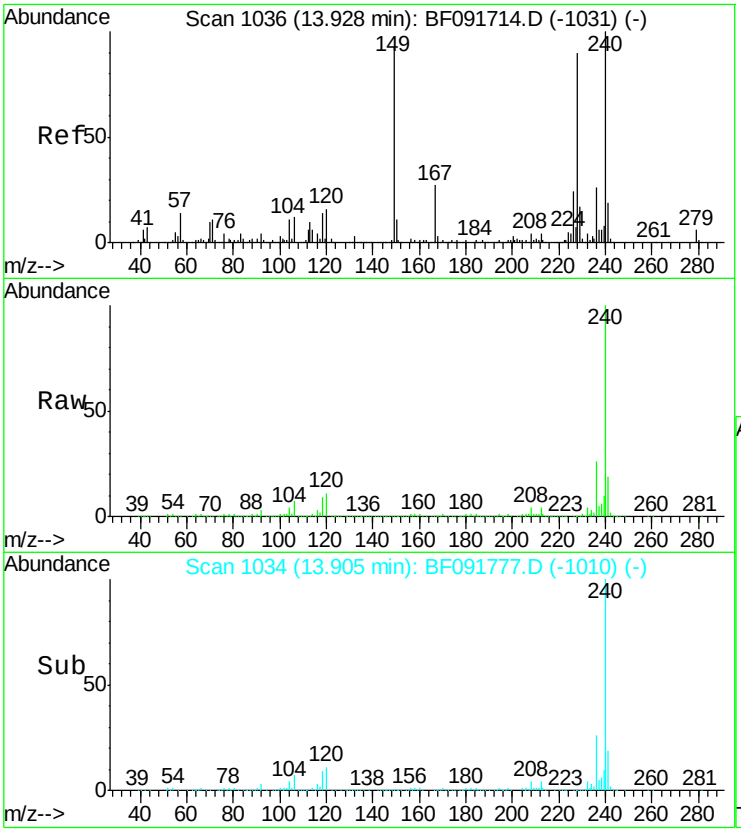


#71
Anthracene
Concen: 17.79 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.07 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:178 Resp: 617081

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.6	13.2	19.8



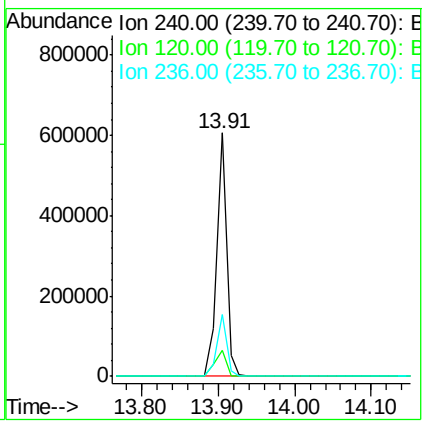


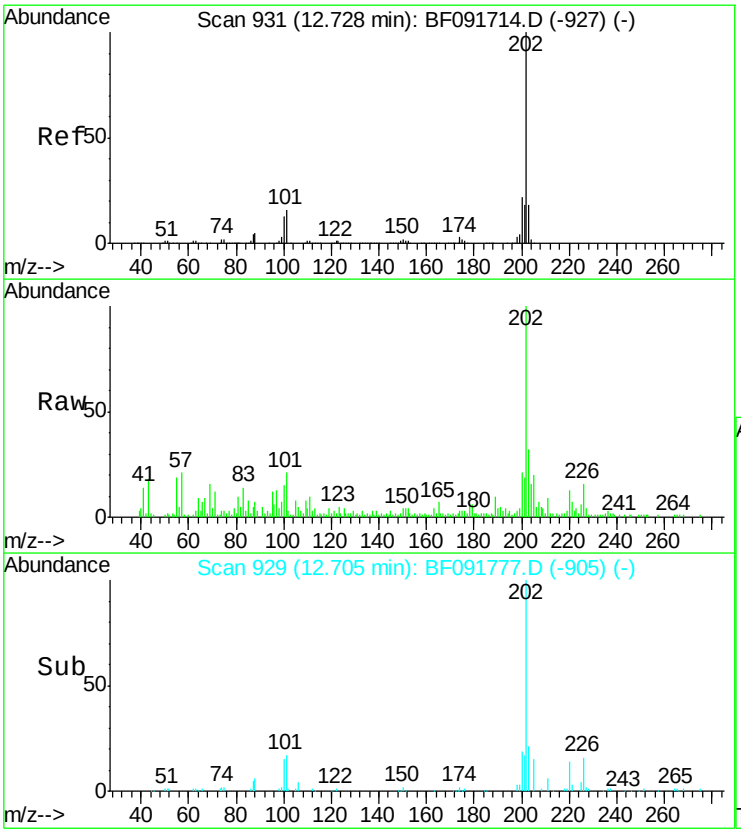
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion:240 Resp: 543885

Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	25.5	20.9	31.3

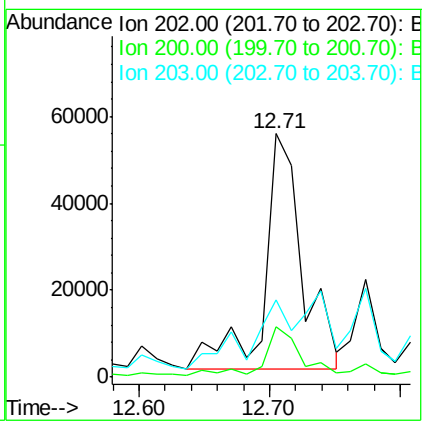


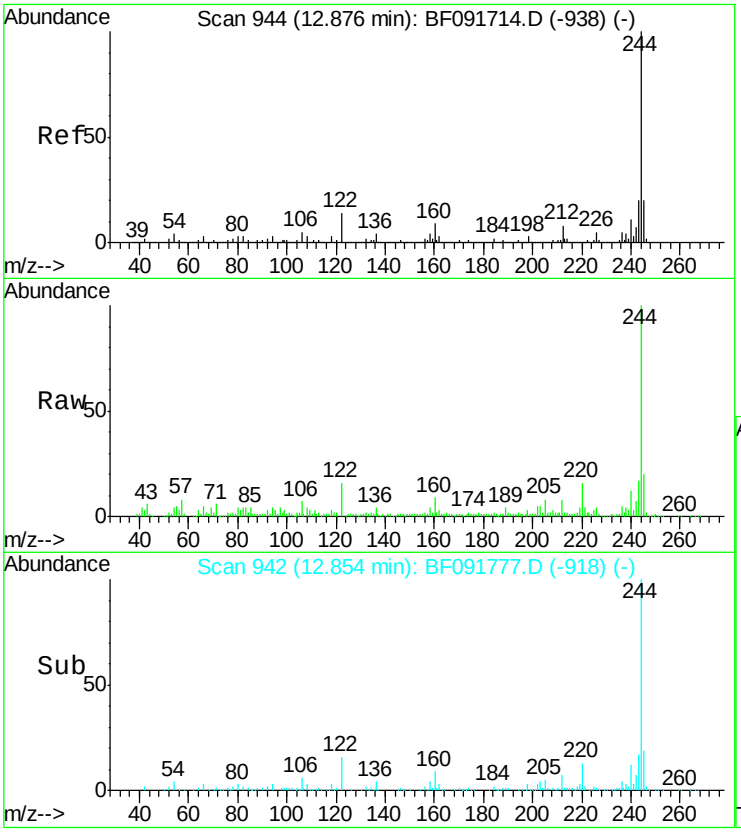


#77
Pyrene
Concen: 2.85 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:202 Resp: 111968

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	31.6	14.7	22.1#



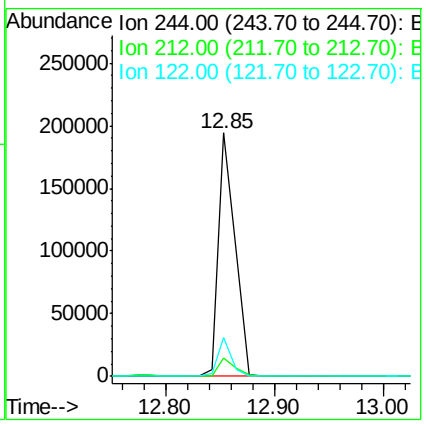


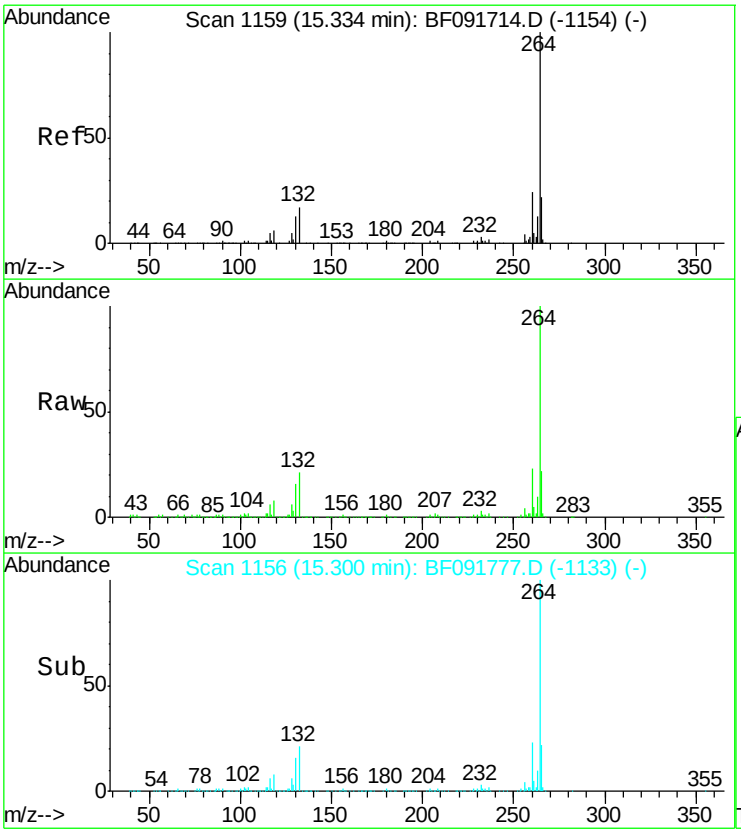
#78
Terphenyl-d14
Concen: 9.61 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Instrument :
BNA_F
ClientSampleId :
T-2DL

Tgt Ion:244 Resp: 207023

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	16.2	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF091777.D
Acq: 19 Dec 2016 12:45

Tgt Ion:264 Resp: 430403

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	17.4	26.0